

Converting Colors

YUV(232.5690, -20.0005,
-25.0550)

Have a look what the booklet for
YUV(232.5690, -20.0005, -25.0550)
contains.

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Color

**YUV(232.5690, -20.0005,
-25.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	CCFFC0
RGB	204, 255, 192
RGB Percent	80%, 100%, 75%
CMY	0.2000, 0.0000, 0.2471
CMYK	0.20, 0.00, 0.25, 0.00
HSL	109°, 100%, 88%
HSV	109°, 25%, 100%
XYZ	70.1763, 88.1631, 63.1877
YIQ	232.5690, -10.1730, -30.4050

Conversions

Conversions Part 2

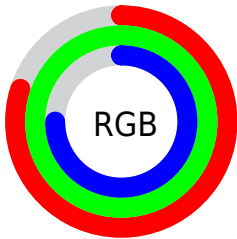
Format	Color
RYB	192, 255, 243
Decimal	13434816
CIELab	95.23, -27.53, 24.95
CIElCh	95, 37.153, 137.807
Yxy	88.1631, 0.3168, 0.3980
Android (android.graphics.Color)	4291624896 (0xFFCCFFC0)
YUV	232.5690, -20.0005, -25.0550
Hunter-Lab	93.8952, -30.9077, 25.8269

Details

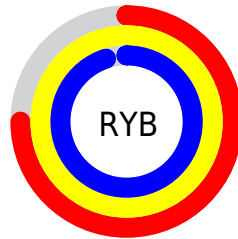
The YUV color $232.5690, -20.0005, -25.0550$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $214.4310, 20.0005, 25.0550$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.3160, -2.6208, 0.5999$, and $176.5090, -18.9849, -24.1254$ is the 20% darker color. If you saturate the color by 10%, you get $223.4400, -27.8249, -35.4659$, and if you desaturate by 10%, it is $241.8120, -11.7393, -14.7441$.

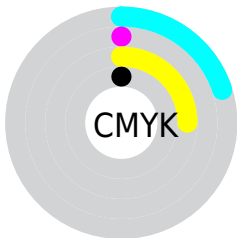
Distribution



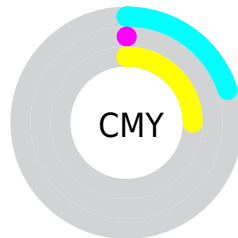
- Red (80%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (95%)



- Cyan (20%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.5690, -20.0005, -25.0550 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 232.5690, -20.0005, -25.0550 by changing the saturation by 10% instead.

 232.5690,
-20.0005, -25.0550

 232.5690,
-20.0005, -25.0550


255.0000, 0.0000,
0.0000


 204.0960,
-19.2743, -24.6402


 254.3160, -2.6208,
0.5999

 176.5090,
-18.9849, -24.1254

 149.6230,
-18.5481, -24.2254

 123.5630,
-17.5326, -23.2958

 97.7910, -16.6590,
-23.4957

 73.3180, -15.9328,
-23.0809

 49.2470, -14.9118,

-23.8956

■ 27.0020, -13.3120,
-23.6808

■ 15.8490, -7.8136,
-13.8996

■ 232.5690,
-20.0005, -25.0550

■ 232.5690,
-20.0005, -25.0550

■ 223.4400,
-27.8249, -35.4659

■ 241.8120,
-11.7393, -14.7441

■ 214.4960,
-36.2335, -45.1620

■ 250.6420, -3.7675,
-4.9480

■ 205.3670,
-44.0579, -55.5729

255.0000, 0.0000,
0.0000

■ 196.1240,
-52.3191, -65.8837

■ 187.2940,
-60.2909, -75.6798

■ 178.0510,
-68.5521, -85.9907

■ 169.2210,
-76.5240, -95.7868

■ 164.3360,
-81.0176, -101.1497

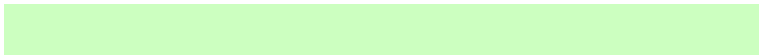
Harmonies

Analogous

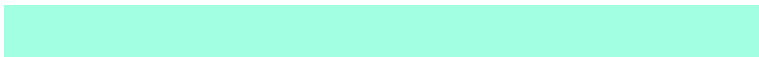
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.2650, -32.1756, 6.7836



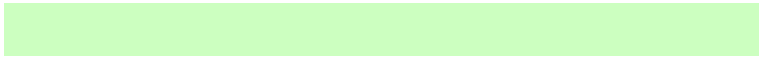
232.5690, -20.0005, -25.0550



224.0720, 0.4575, -53.5601

Triad

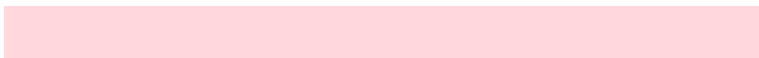
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.5690, -20.0005, -25.0550



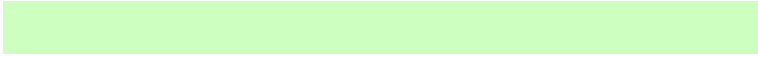
227.2590, 13.6763, -46.7081



227.6440, -3.2755, 23.9912

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



232.5690, -20.0005, -25.0550



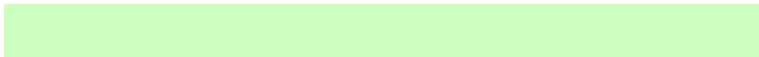
214.4310, 20.0005, 25.0550

Split Complementary

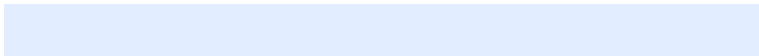
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.1070, 11.2862, 20.0772



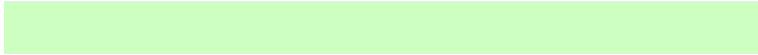
232.5690, -20.0005, -25.0550



235.7630, 9.4838, -8.5622

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.5690, -20.0005, -25.0550



219.1200, 17.6888, -73.7732



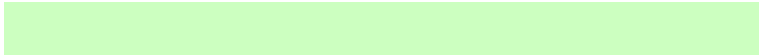
237.3900, 8.6817, 15.4440



228.2190, -18.8420, 23.4869

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.5690, -20.0005, -25.0550



220.0450, 14.7678, -70.1995



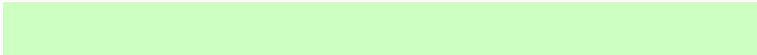
237.3900, 8.6817, 15.4440



229.0120, 1.9661, 22.7915

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



232.5690, -20.0005, -25.0550



248.7620, -5.7987, -6.8073



240.1870, -23.7562, 12.9910



124.0550, -3.4781, -4.4332



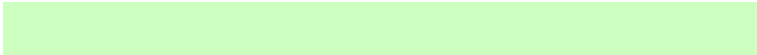
0.0000, 0.0000, 0.0000



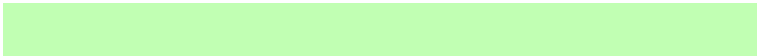
128.0000, 0.0000, 0.0000

Same Dimension

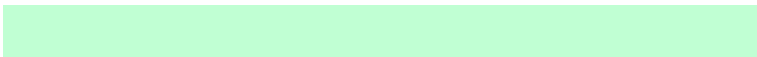
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.5690, -20.0005, -25.0550



227.7980, -24.0574, -30.5178



231.1470, -9.9325, -34.3319



123.2290, -4.0569, -5.4628



122.8810, -60.5803, -76.1946



41.1560, -20.2899, -25.5698

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



214.4310, 20.0005, 25.0550



205.9030, 24.2048, 29.9031



215.8530, 9.9325, 34.3319



119.4720, 4.2043, 4.8481



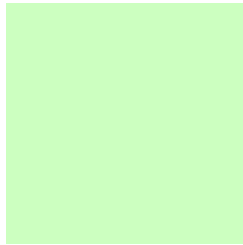
68.1190, 60.5803, 76.1946



22.8440, 20.2899, 25.5698

Previews

White Background



This preview shows how the YUV color 232.5690, -20.0005, -25.0550 looks on a white background.

Color Contrast Check

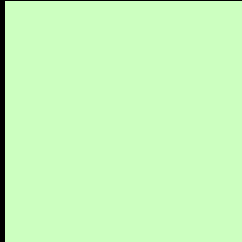
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 232.5690, -20.0005, -25.0550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

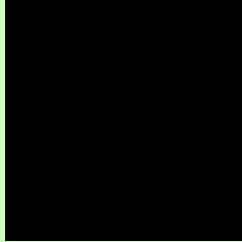
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 232.5690, -20.0005, -25.0550 Background



This preview shows how black text looks on a background with the YUV color 232.5690, -20.0005, -25.0550.



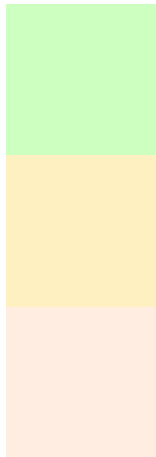
This preview shows how white text looks on a background with the YUV color 232.5690, -20.0005, -25.0550.

-25.0550.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

232.5690, -20.0005, -25.0550

Protanopia

239.1270, -22.7406, 13.9206

Deuteranopia

241.1280, -7.4581, 12.1657



Tritanopia

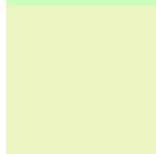
239.5840, 7.6001, -11.0362

Trichromacy



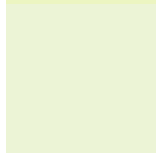
Original Color

232.5690, -20.0005, -25.0550



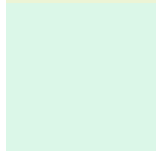
Protanomaly

236.3810, -21.3868, -0.3341



Deuteranomaly

238.1880, -11.9247, -1.9189



Tritanomaly

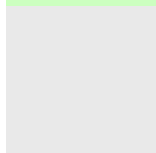
236.9180, -2.4246, -15.7141

Monochromacy



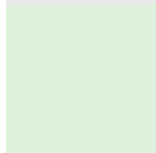
Original Color

232.5690, -20.0005, -25.0550



Achromatopsia

233.0000, 0.0000, 0.0000



Achromatomaly

232.6970, -7.2456, -9.3813

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.5690, -20.0005, -25.0550 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(204, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(204, 255, 192)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(204, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 192) }
```

Border

The CSS property to change the border of an element to YUV 232.5690, -20.0005, -25.0550 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 255, 192) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(204, 255, 192) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(204, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(204, 255,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 232.5690, -20.0005, -25.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 255, 192) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(204,  
255, 192) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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