

Converting Colors

YUV(204.6960, -22.5281,
-7.6264)

Have a look what the booklet for
YUV(204.6960, -22.5281, -7.6264)
contains.

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Color

**YUV(204.6960, -22.5281,
-7.6264)**

Conversions

Conversions Part 1

Format	Color
Hex	C4DA9F
RGB	196, 218, 159
RGB Percent	77%, 85%, 62%
CMY	0.2314, 0.1451, 0.3765
CMYK	0.10, 0.00, 0.27, 0.15
HSL	82°, 44%, 74%
HSV	82°, 27%, 85%
XYZ	54.0944, 64.3818, 42.3767
YIQ	204.6960, 5.8270, -23.0130

Conversions

Conversions Part 2

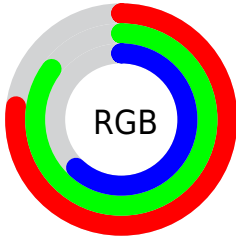
Format	Color
RYB	159, 218, 181
Decimal	12901023
CIELab	84.16, -17.39, 26.67
CIELCh	84, 31.840, 123.094
Yxy	64.3818, 0.3363, 0.4003
Android (android.graphics.Color)	4291091103 (0xFFC4DA9F)
YUV	204.6960, -22.5281, -7.6264
Hunter-Lab	80.2383, -20.0773, 24.8536

Details

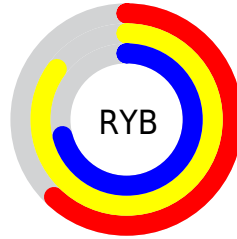
The YUV color $204.6960, -22.5281, -7.6264$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $172.3040, 22.5281, 7.6264$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7280, -17.6139, 2.8695$, and $150.3370, -21.3651, -7.3115$ is the 20% darker color. If you saturate the color by 10%, you get $199.7960, -30.9584, -10.3451$, and if you desaturate by 10%, it is $209.5960, -14.0978, -4.9077$.

Distribution



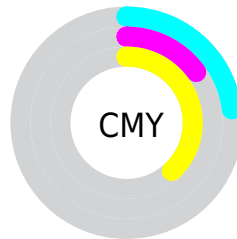
- Red (77%)
- Green (85%)
- Blue (62%)



- Red (62%)
- Yellow (85%)
- Blue (71%)



- Cyan (10%)
- Magenta (0%)
- Yellow (27%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.6960, -22.5281, -7.6264 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 204.6960, -22.5281, -7.6264 by changing the saturation by 10% instead.

■ 204.6960,
-22.5281, -7.6264

■ 204.6960,
-22.5281, -7.6264

255.0000, 0.0000,
0.0000

■ 176.9240,
-21.6545, -7.8263

■ 249.7280,
-17.6139, 2.8695

■ 150.3370,
-21.3651, -7.3115

■ 253.6320, -5.2416,
1.1997

■ 124.4510,
-20.9283, -7.4115

■ 99.0920, -19.7654,
-7.0967

■ 74.9070, -19.1812,
-7.8114

■ 51.4340, -18.4550,
-7.3966

■ 30.6450, -15.1080,

-7.5817

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 204.6960,
-22.5281, -7.6264

■ 204.6960,
-22.5281, -7.6264

■ 199.7960,
-30.9584, -10.3451

■ 209.5960,
-14.0978, -4.9077

■ 194.8960,
-39.3887, -13.0638

■ 214.4960, -5.6675,
-2.1890

■ 190.1100,
-47.3822, -15.8825

■ 219.2820, 2.3260,
0.6297

■ 184.9110,
-55.6651, -19.2159

■ 224.4810, 10.6089,
3.9632

■ 180.0110,
-64.0954, -21.9346

■ 227.8990, 13.3608,
7.9816

■ 175.1110,
-72.5257, -24.6533

■ 230.2910, 12.1815,
12.8998

■ 170.2110,
-80.9560, -27.3720

■ 232.6830, 11.0023,
17.8180

■ 168.9290,
-83.2820, -28.0017

■ 233.2810, 10.7075,
19.0476

Harmonies

Analogous

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



208.2540, -28.7192, 18.1942



204.6960, -22.5281, -7.6264



200.3750, -9.0589, -34.5319

Triad

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



204.6960, -22.5281, -7.6264



199.1730, 27.5227, -54.5257



210.3130, -1.1403, 39.1905

Complementary

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



204.6960, -22.5281, -7.6264



172.3040, 22.5281, 7.6264

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.



214.8850, 11.3957, 31.6729



204.6960, -22.5281, -7.6264



206.1380, 24.0890, -26.4310

Square

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



204.6960, -22.5281, -7.6264



195.5320, 22.9087, -67.9956



212.5380, 20.9338, 5.6672



208.7680, -14.6756, 40.5455

Rectangle

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



204.6960, -22.5281, -7.6264



197.5500, 2.1939, -50.4713



212.5380, 20.9338, 5.6672



211.4530, 3.2277, 38.1907

Sweetspot

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



204.6960, -22.5281, -7.6264



250.3280, -7.5567, -2.9187



189.5550, -15.0636, 24.9463



125.0230, -4.9413, -1.7742



0.0000, 0.0000, 0.0000



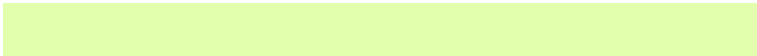
128.0000, 0.0000, 0.0000

Same Dimension

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



204.6960, -22.5281, -7.6264



236.6820, -31.3952, -10.2451



196.0250, -18.2533, -25.4549



107.5500, -4.2151, -1.3593



134.1420, -66.1320, -22.0495



35.6730, -17.5868, -5.8522

Inverse Universe

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



172.3040, 22.5281, 7.6264



191.6170, 31.2478, 10.8599



180.9750, 18.2533, 25.4549



101.4500, 4.2151, 1.3593



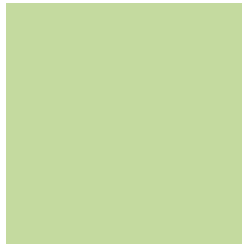
39.1570, 65.9846, 22.6643



10.3270, 17.5868, 5.8522

Previews

White Background



This preview shows how the YUV color 204.6960, -22.5281, -7.6264 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 204.6960, -22.5281, -7.6264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

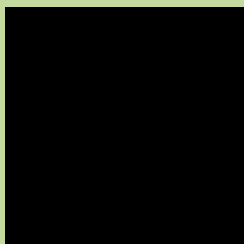
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

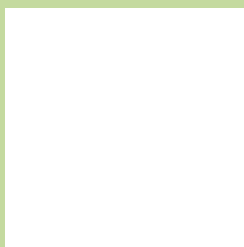
Any Text WCAG AAA ✓ Pass

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

YUV 204.6960, -22.5281, -7.6264 Background



This preview shows how black text looks on a background with the YUV color 204.6960, -22.5281, -7.6264.



This preview shows how white text looks on a background with the YUV color 204.6960, -22.5281, -7.6264.

-7.6264.

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

204.6960, -22.5281, -7.6264

Protanopia

207.6280, -25.9456, 15.2352

Deuteranopia

210.1230, -23.2316, 31.4641



Tritanopia

209.7420, 8.0152, -4.1587

Trichromacy



Original Color

204.6960, -22.5281, -7.6264

Protanomaly

206.2140, -24.7555, 6.8283

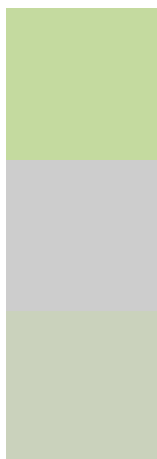
Deuteranomaly

208.1490, -22.7515, 17.4093

Tritanomaly

207.8700, -2.8939, -5.1480

Monochromacy



Original Color

204.6960, -22.5281, -7.6264

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

205.1000, -8.4303, -2.7187

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.6960, -22.5281, -7.6264 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(196, 218, 159)` looks like.

```
.text, #text, p{  
    color:rgb(196, 218, 159)  
}
```

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(196, 218, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 218, 159) }
```

Border

The CSS property to change the border of an element to YUV 204.6960, -22.5281, -7.6264 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(196, 218, 159) }
```


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

```
.border{ border-color:rgb(196, 218, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 218, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 218, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 218, 159);  
box-shadow:4px 4px 4px 4px rgb(196, 218,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 204.6960, -22.5281, -7.6264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 218, 159) }
```

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

```
.background{ background-color: rgb(196,  
218, 159) }
```

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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