

Converting Colors

YUV(225.5090, 1.2281,
-20.6174)

Have a look what the booklet for
YUV(225.5090, 1.2281, -20.6174)
contains.

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Color

**YUV(225.5090, 1.2281,
-20.6174)**

Conversions

Conversions Part 1

Format	Color
Hex	CAEDE4
RGB	202, 237, 228
RGB Percent	79%, 93%, 89%
CMY	0.2078, 0.0706, 0.1059
CMYK	0.15, 0.00, 0.04, 0.07
HSL	165°, 49%, 86%
HSV	165°, 15%, 93%
XYZ	68.6449, 78.7264, 84.9765
YIQ	225.5090, -17.9710, -10.2190

Conversions

Conversions Part 2

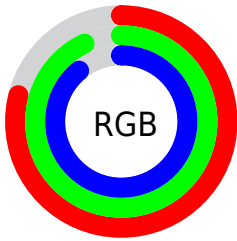
Format	Color
R_{YB}	202, 222, 237
Decimal	13299172
CIE Lab	91.11, -13.08, 0.54
CIE LCh	91, 13.093, 177.657
Yxy	78.7264, 0.2954, 0.3388
Android (android.graphics.Color)	4291489252 (0xFFCAEDE4)
YUV	225.5090, 1.2281, -20.6174
Hunter-Lab	88.7279, -17.1761, 5.3263

Details

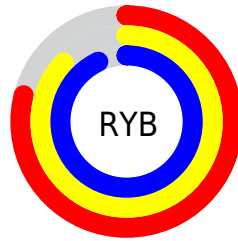
The YUV color $225.5090, 1.2281, -20.6174$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $213.4910, -1.2281, 20.6174$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $170.2210, 1.3700, -19.4878$ is the 20% darker color. If you saturate the color by 10%, you get $217.6490, 2.1450, -34.7722$, and if you desaturate by 10%, it is $233.3690, 0.3111, -6.4626$.

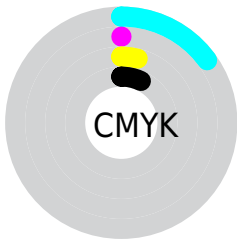
Distribution



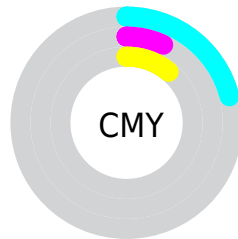
- Red (79%)
- Green (93%)
- Blue (89%)



- Red (79%)
- Yellow (87%)
- Blue (93%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (21%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.5090, 1.2281, -20.6174 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 225.5090, 1.2281, -20.6174 by changing the saturation by 10% instead.

■ 225.5090, 1.2281,
-20.6174

■ 225.5090, 1.2281,
-20.6174

255.0000, 0.0000,
0.0000

■ 197.5090, 1.2281,
-20.6174

■ 170.2210, 1.3700,
-19.4878

■ 143.5200, 1.2226,
-18.8730

■ 117.5200, 1.2226,
-18.8730

■ 92.9330, 1.5120,
-18.3582

■ 69.2320, 1.3646,
-17.7435

■ 46.3460, 1.8014,

-17.8434

■ 24.4600, 2.2382,
-17.9434

■ 5.0380, -1.0047,
-4.4183

■ 225.5090, 1.2281,
-20.6174

■ 225.5090, 1.2281,
-20.6174

■ 217.6490, 2.1450,
-34.7722

■ 233.3690, 0.3111,
-6.4626

■ 210.0880, 2.9146,
-48.3122

■ 240.9300, -0.4585,
7.0774

■ 202.2280, 3.8316,
-62.4670

■ 243.4080, 1.2779,
10.1662

■ 194.3680, 4.7486,
-76.6217

■ 244.0920, 3.8986,
9.5663

■ 186.5080, 5.6656,
-90.7765

■ 244.4340, 5.2090,
9.2664

■ 178.8330, 5.9983,
-104.2165

■ 170.9730, 6.9153,
-118.3713

■ 163.1130, 7.8323,
-132.5261

■ 159.1830, 8.2908,
-139.6035

Harmonies

Analogous

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



226.2560, -5.0562, -11.6255



225.5090, 1.2281, -20.6174



225.7950, 7.4961, -24.3762

Triad

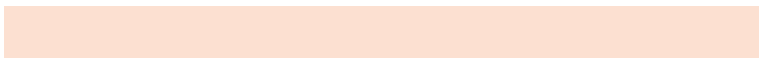
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.5090, 1.2281, -20.6174



231.0460, 10.3303, -0.0403



230.6620, -10.6794, 18.7134

Complementary

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



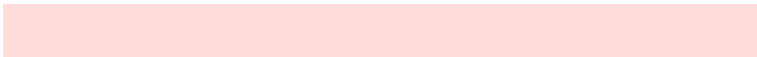
225.5090, 1.2281, -20.6174



213.4910, -1.2281, 20.6174

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.



231.4110, -6.6116, 20.6876



225.5090, 1.2281, -20.6174



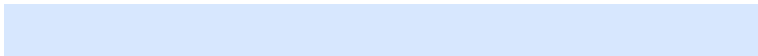
231.8580, 5.4930, 11.5255

Square

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



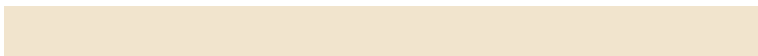
225.5090, 1.2281, -20.6174



228.8380, 12.4049, -12.1359



232.3060, -0.6439, 19.9026



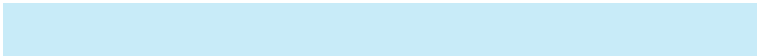
229.2650, -11.9626, 10.2916

Rectangle

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



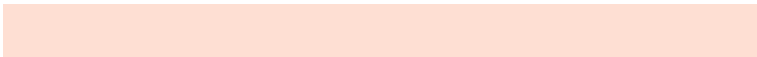
225.5090, 1.2281, -20.6174



226.0170, 10.8376, -22.8169



232.3060, -0.6439, 19.9026



230.9010, -9.8112, 20.2578

Sweetspot

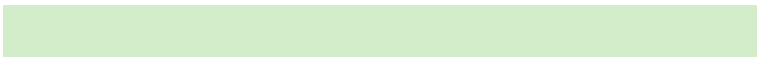
The Sweet Spot groups the original color and five complimentary colors.



225.5090, 1.2281, -20.6174



251.6680, 0.1637, -5.8478



225.2360, -11.4553, -12.4850



125.6790, 0.1583, -4.1035



0.0000, 0.0000, 0.0000



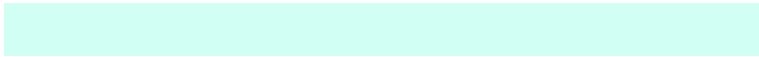
128.0000, 0.0000, 0.0000

Same Dimension

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



225.5090, 1.2281, -20.6174



239.8780, 1.5391, -27.0800



221.8390, 7.4744, -17.3988



113.3690, 0.3111, -6.4626



121.5230, 6.1512, -106.5757



36.2580, 1.8448, -31.7983

Inverse Universe

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



213.4910, -1.2281, 20.6174



224.1220, -1.5391, 27.0800



217.1610, -7.4744, 17.3988



109.6310, -0.3111, 6.4626



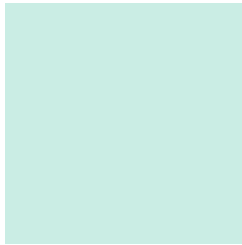
59.4770, -6.1512, 106.5757



17.7420, -1.8448, 31.7983

Previews

White Background



This preview shows how the YUV color 225.5090, 1.2281, -20.6174 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 225.5090, 1.2281, -20.6174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

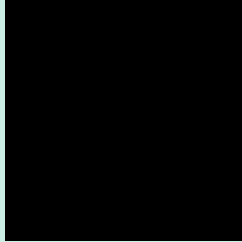
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

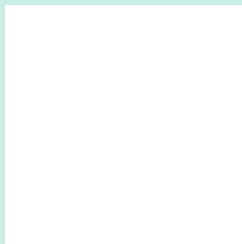
Any Text WCAG AAA ✓ Pass

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

YUV 225.5090, 1.2281, -20.6174 Background



This preview shows how black text looks on a background with the YUV color 225.5090, 1.2281, -20.6174.



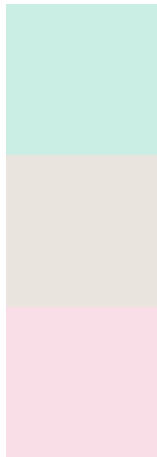
This preview shows how white text looks on a background with the YUV color 225.5090, 1.2281, -20.6174.

-20.6174.

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

225.5090, 1.2281, -20.6174

Protanopia

229.2240, -3.0684, 4.1886

Deuteranopia

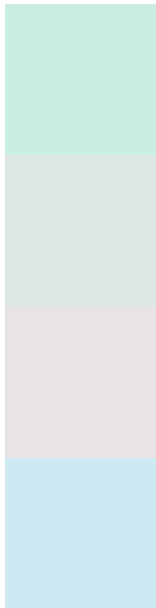
231.3980, -0.1962, 16.3140



Tritanopia

227.0930, 12.2792, -18.4986

Trichromacy



Original Color

225.5090, 1.2281, -20.6174

Protanomaly

227.6250, -1.2941, -4.9331

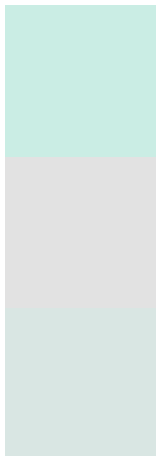
Deuteranomaly

229.1360, 0.4260, 3.3887

Tritanomaly

226.3550, 8.2060, -18.7283

Monochromacy



Original Color

225.5090, 1.2281, -20.6174

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

225.7710, 0.6059, -7.6922

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.5090, 1.2281, -20.6174 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(202, 237, 228)` looks like.

```
.text, #text, p{  
    color:rgb(202, 237, 228)  
}
```

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(202, 237, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 237, 228) }
```

Border

The CSS property to change the border of an element to YUV 225.5090, 1.2281, -20.6174 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(202, 237, 228) }
```


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

```
.border{ border-color:rgb(202, 237, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 237, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 237, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 237, 228);  
box-shadow:4px 4px 4px 4px rgb(202, 237,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 225.5090, 1.2281, -20.6174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 237, 228) }
```

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

```
.background{ background-color: rgb(202,  
237, 228) }
```

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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