

Converting Colors

YUV(212.3980, 6.2128,
-32.7980)

Have a look what the booklet for
YUV(212.3980, 6.2128, -32.7980)
contains.

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Color

**YUV(212.3980, 6.2128,
-32.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE5E1
RGB	175, 229, 225
RGB Percent	69%, 90%, 88%
CMY	0.3137, 0.1020, 0.1176
CMYK	0.24, 0.00, 0.02, 0.10
HSL	176°, 51%, 79%
HSV	176°, 24%, 90%
XYZ	59.2891, 70.5888, 81.7343
YIQ	212.3980, -30.9000, -12.6920

Conversions

Conversions Part 2

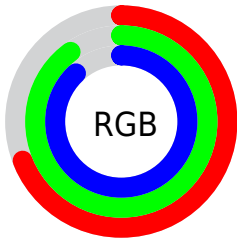
Format	Color
RYB	175, 203, 229
Decimal	11527649
CIELab	87.28, -17.98, -3.69
CIELCh	87, 18.350, 191.595
Yxy	70.5888, 0.2802, 0.3336
Android (android.graphics.Color)	4289717729 (0xFFAFE5E1)
YUV	212.3980, 6.2128, -32.7980
Hunter-Lab	84.0172, -21.0664, 1.1330

Details

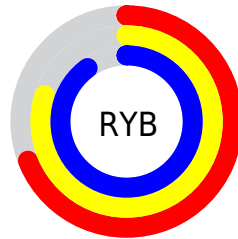
The YUV color $212.3980, 6.2128, -32.7980$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $191.6020, -6.2128, 32.7980$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1230, 3.3904, -14.1399$, and $157.1100, 6.3548, -31.6685$ is the 20% darker color. If you saturate the color by 10%, you get $205.2930, 8.7296, -46.7380$, and if you desaturate by 10%, it is $219.5030, 3.6960, -18.8581$.

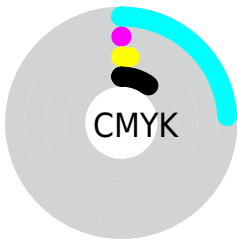
Distribution



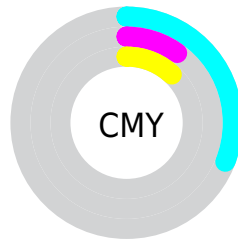
- Red (69%)
- Green (90%)
- Blue (88%)



- Red (69%)
- Yellow (80%)
- Blue (90%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (31%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.3980, 6.2128, -32.7980 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 212.3980, 6.2128, -32.7980 by changing the saturation by 10% instead.

■ 212.3980, 6.2128,
-32.7980

■ 212.3980, 6.2128,
-32.7980

255.0000, 0.0000,
0.0000

■ 184.6970, 6.0654,
-32.1833

■ 248.1230, 3.3904,
-14.1399

■ 157.1100, 6.3548,
-31.6685

■ 130.9960, 5.9180,
-31.5685

■ 105.4090, 6.2074,
-31.0537

■ 80.1100, 6.3548,
-31.6685

■ 55.3270, 7.2338,
-33.6128

■ 34.1210, 6.3493,

-29.9241

■ 20.1010, 3.4012,
-17.6286

■ 0.0000, 0.0000,
0.0000

■ 212.3980, 6.2128,
-32.7980

■ 212.3980, 6.2128,
-32.7980

■ 205.2930, 8.7296,
-46.7380

■ 219.5030, 3.6960,
-18.8581

■ 198.3020, 11.6831,
-60.7779

■ 226.4940, 0.7425,
-4.8182

■ 191.1970, 14.1999,
-74.7178

■ 233.5990, -1.7743,
9.1217

■ 184.0920, 16.7166,
-88.6577

■ 237.1160, -2.5222,
15.6843

■ 177.1010, 19.6702,
-102.6976

■ 237.2300, -2.0854,
15.5843

■ 170.2950, 22.0396,
-116.0227

■ 237.4580, -1.2118,
15.3843

■ 163.1900, 24.5563,
-129.9626

■ 237.6860, -0.3382,
15.1844

■ 158.5910, 26.3306,
-139.0843

■ 237.9140, 0.5354,
14.9844

■ 238.0280, 0.9722,
14.8844

Harmonies

Analogous

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



213.3470, -3.1291, -23.1063



212.3980, 6.2128, -32.7980



213.0480, 13.7803, -33.3681

Triad

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



212.3980, 6.2128, -32.7980



221.1440, 11.7610, 7.7667



219.4790, -16.5051, 20.6279

Complementary

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



212.3980, 6.2128, -32.7980



191.6020, -6.2128, 32.7980

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.



220.6740, -12.1643, 28.3499



212.3980, 6.2128, -32.7980



222.1690, 3.8607, 21.7768

Square

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



212.3980, 6.2128, -32.7980



219.0000, 16.7620, -9.6470



221.9220, -4.8915, 29.0094



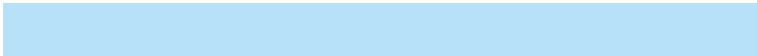
217.8040, -16.1724, 7.1879

Rectangle

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



212.3980, 6.2128, -32.7980



214.8790, 16.8217, -28.8349



221.9220, -4.8915, 29.0094



219.8430, -15.2056, 23.8167

Sweetspot

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



212.3980, 6.2128, -32.7980



249.5040, 2.2165, -10.9660



208.1930, -16.3641, -24.7253



124.5970, 1.1847, -6.6626



0.0000, 0.0000, 0.0000



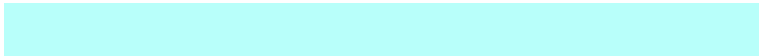
128.0000, 0.0000, 0.0000

Same Dimension

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



212.3980, 6.2128, -32.7980



233.2010, 8.2819, -43.1493



199.9400, 14.3266, -21.8724



111.2980, 1.3321, -7.2773



123.8830, 20.2707, -108.6454



35.2950, 5.7706, -30.9537

Inverse Universe

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



191.6020, -6.2128, 32.7980



205.7990, -8.2819, 43.1493



204.6470, -14.6160, 21.3576



106.7020, -1.3321, 7.2773



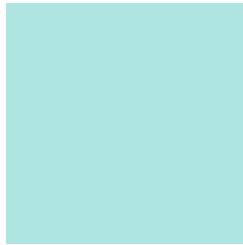
55.0030, -20.7075, 108.7454



15.7050, -5.7706, 30.9537

Previews

White Background



This preview shows how the YUV color 212.3980, 6.2128, -32.7980 looks on a white background.

Color Contrast Check

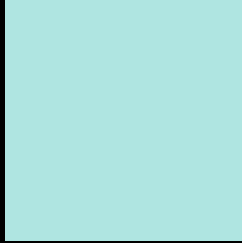
Large Text (above 18pt) WCAG AA × Fail

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 212.3980, 6.2128, -32.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

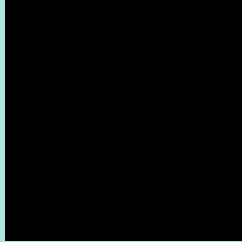
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

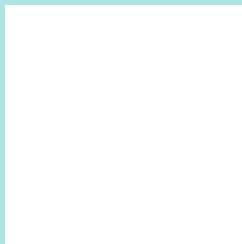
Any Text WCAG AAA ✓ Pass

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

YUV 212.3980, 6.2128, -32.7980 Background



This preview shows how black text looks on a background with the YUV color 212.3980, 6.2128, -32.7980.



This preview shows how white text looks on a background with the YUV color 212.3980, 6.2128, -32.7980.

-32.7980.

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

212.3980, 6.2128, -32.7980

Protanopia

218.6090, -0.3002, 2.9739

Deuteranopia

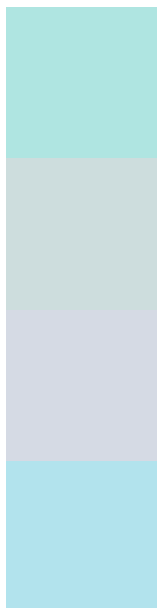
220.5160, 4.1826, 11.8255



Tritanopia

213.9990, 14.7905, -30.6941

Trichromacy



Original Color

212.3980, 6.2128, -32.7980

Protanomaly

216.2160, 2.3585, -9.8364

Deuteranomaly

217.6450, 5.1050, -4.0737

Tritanomaly

213.4890, 11.5909, -31.1239

Monochromacy



Original Color

212.3980, 6.2128, -32.7980

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.2050, 2.3639, -11.5808

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.3980, 6.2128, -32.7980 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(175, 229, 225)` looks like.

```
.text, #text, p{  
    color:rgb(175, 229, 225)  
}
```

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(175, 229, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 229, 225) }
```

Border

The CSS property to change the border of an element to YUV 212.3980, 6.2128, -32.7980 is called "border". The border property can be set on classes, ids or directly on the HTML element.

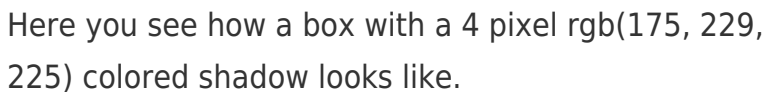
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 229, 225) }
```


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

```
.border{ border-color:rgb(175, 229, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 229, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 229, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 229, 225); box-shadow:4px 4px 4px 4px rgb(175, 229, 225) }
```

Background

The CSS property to change the background color of an element to YUV 212.3980, 6.2128, -32.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 229, 225) }
```

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

```
.background{ background-color: rgb(175,  
229, 225) }
```

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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