

Converting Colors

YUV(196.7390, 12.4537,
-27.8351)

Have a look what the booklet for
YUV(196.7390, 12.4537, -27.8351)
contains.

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Color

**YUV(196.7390, 12.4537,
-27.8351)**

Conversions

Conversions Part 1

Format	Color
Hex	A5D0DE
RGB	165, 208, 222
RGB Percent	65%, 82%, 87%
CMY	0.3529, 0.1843, 0.1294
CMYK	0.26, 0.06, 0.00, 0.13
HSL	195°, 46%, 76%
HSV	195°, 26%, 87%
XYZ	51.2577, 58.3850, 77.6751
YIQ	196.7390, -30.1220, -4.7620

Conversions

Conversions Part 2

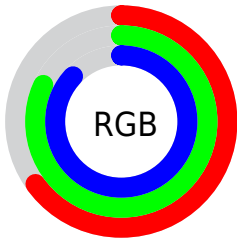
Format	Color
RYB	165, 190, 222
Decimal	10866910
CIELab	80.95, -10.91, -11.55
CIELCh	81, 15.888, 226.611
Yxy	58.3850, 0.2736, 0.3117
Android (android.graphics.Color)	4289056990 (0xFFA5D0DE)
YUV	196.7390, 12.4537, -27.8351
Hunter-Lab	76.4101, -13.9755, -6.7845

Details

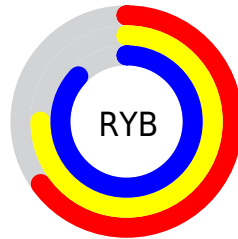
The YUV color **196.7390, 12.4537, -27.8351** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **190.2610, -12.4537, 27.8351**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.8340, 5.0118, -20.9024**, and **142.9240, 11.8695, -27.1203** is the 20% darker color. If you saturate the color by 10%, you get **187.2260, 17.1436, -38.7862**, and if you desaturate by 10%, it is **206.2520, 7.7638, -16.8840**.

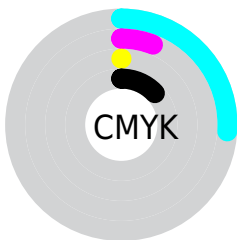
Distribution



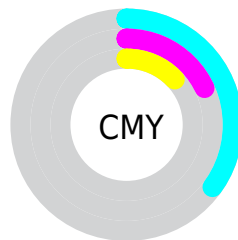
- Red (65%)
- Green (82%)
- Blue (87%)



- Red (65%)
- Yellow (75%)
- Blue (87%)



- Cyan (26%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (35%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.7390, 12.4537, -27.8351 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 196.7390, 12.4537, -27.8351 by changing the saturation by 10% instead.

■ 196.7390, 12.4537,
-27.8351

■ 196.7390, 12.4537,
-27.8351

■ 255.0000, 0.0000,
0.0000

■ 169.0380, 12.3063,
-27.2203

■ 244.8340, 5.0118,
-20.9024

■ 142.9240, 11.8695,
-27.1203

■ 253.5050, 0.7370,
-3.0739

■ 116.9240, 11.8695,
-27.1203

■ 91.8100, 11.4327,
-27.0204

■ 66.8100, 11.4327,
-27.0204

■ 42.3040, 12.1751,
-31.8386

■ 25.0880, 9.8166,

-22.0022

■ 7.5460, 8.6048,
-6.6178

■ 0.0000, 0.0000,
0.0000

■ 196.7390, 12.4537,
-27.8351

■ 196.7390, 12.4537,
-27.8351

■ 187.2260, 17.1436,
-38.7862

■ 206.2520, 7.7638,
-16.8840

■ 177.1260, 22.1229,
-49.2225

■ 216.3520, 2.7845,
-6.4477

■ 167.3140, 26.9602,
-60.7884

■ 226.1640, -2.0529,
5.1182

■ 157.2140, 31.9395,
-71.2247

■ 236.2640, -7.0322,
15.5545

■ 147.7010, 36.6294,
-82.1758

■ 239.4980, -8.6265,
13.5953

■ 137.6010, 41.6087,
-92.6121

■ 243.0200,
-10.3629, 10.5065

■ 128.0880, 46.2986,
-103.5632

■ 245.9550,
-11.8098, 7.9325

■ 123.3370, 48.6409,
-108.1665

■ 249.4770,
-13.5462, 4.8437

■ 251.2380,
-14.4143, 3.2993

Harmonies

Analogous

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



195.8330, 6.4913, -28.7945



196.7390, 12.4537, -27.8351



198.7770, 14.8999, -19.0984

Triad

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



196.7390, 12.4537, -27.8351



203.7020, 2.1189, 20.4323



199.8790, -13.2513, 3.6141

Complementary

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



196.7390, 12.4537, -27.8351



190.2610, -12.4537, 27.8351

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.



201.3150, -14.4523, 15.5097



196.7390, 12.4537, -27.8351



203.7860, -5.3175, 25.6207

Square

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



196.7390, 12.4537, -27.8351



203.7590, 8.9928, 8.9814



202.5810, -11.1324, 24.0465



197.9420, -8.8454, -9.5961

Rectangle

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



196.7390, 12.4537, -27.8351



200.7180, 14.4360, -10.2767



202.5810, -11.1324, 24.0465



200.3850, -13.9938, 8.4324

Sweetspot

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



196.7390, 12.4537, -27.8351



246.0850, 4.3951, -9.7215



199.9410, -10.8169, -30.6433



121.7650, 3.0739, -5.9329



0.0000, 0.0000, 0.0000



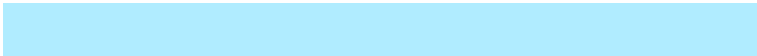
128.0000, 0.0000, 0.0000

Same Dimension

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



196.7390, 12.4537, -27.8351



220.2260, 17.1436, -38.7862



180.3030, 20.5566, -13.4207



106.9500, 2.4897, -5.2181



98.1350, 38.3874, -86.0644



27.1910, 10.2588, -23.8465

Inverse Universe

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



186.9450, 10.3801, 30.7432



206.4610, 14.5627, 42.5687



206.6970, -20.5566, 13.4207



105.2010, 1.8729, 5.9627



67.7860, 32.1505, 94.9037



18.5700, 9.0860, 25.8101

Previews

White Background



This preview shows how the YUV color 196.7390, 12.4537, -27.8351 looks on a white background.

Color Contrast Check

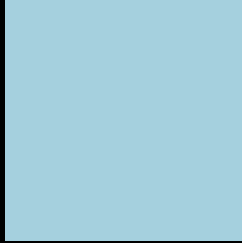
Large Text (above 18pt) WCAG AA × Fail

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 196.7390, 12.4537, -27.8351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

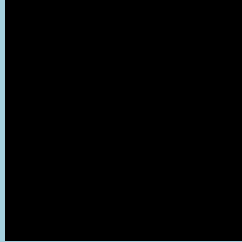
Any Text WCAG AA ✓ Pass

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 196.7390, 12.4537, -27.8351 Background



This preview shows how black text looks on a background with the YUV color 196.7390, 12.4537, -27.8351.



This preview shows how white text looks on a background with the YUV color 196.7390, 12.4537, -27.8351.

-27.8351.

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

196.7390, 12.4537, -27.8351

Protanopia

200.9380, 7.4256, -1.6996

Deuteranopia

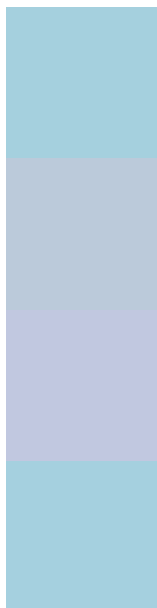
202.6060, 11.0402, 5.6075



Tritanopia

196.9670, 13.3273, -28.0351

Trichromacy



Original Color

196.7390, 12.4537, -27.8351

Protanomaly

199.3390, 9.1999, -10.8213

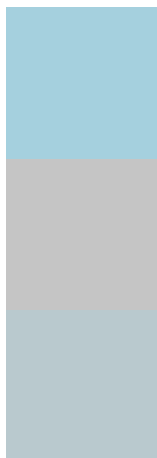
Deuteranomaly

200.6430, 11.5150, -6.7029

Tritanomaly

196.8530, 12.8905, -27.9351

Monochromacy



Original Color

196.7390, 12.4537, -27.8351

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.7860, 4.5425, -10.3363

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.7390, 12.4537, -27.8351 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(165, 208, 222)` looks like.

```
.text, #text, p{  
    color:rgb(165, 208, 222)  
}
```

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(165, 208, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 208, 222) }
```

Border

The CSS property to change the border of an element to YUV 196.7390, 12.4537, -27.8351 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(165, 208, 222) }
```


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

```
.border{ border-color:rgb(165, 208, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 208, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 208, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 208, 222); box-shadow:4px 4px 4px 4px rgb(165, 208, 222) }
```

Background

The CSS property to change the background color of an element to YUV 196.7390, 12.4537, -27.8351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 208, 222) }
```

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

```
.background{ background-color: rgb(165,  
208, 222) }
```

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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