

Converting Colors

YUV(196.3790, 11.6452,
-48.5674)

Have a look what the booklet for
YUV(196.3790, 11.6452, -48.5674)
contains.

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Color

**YUV(196.3790, 11.6452,
-48.5674)**

Conversions

Conversions Part 1

Format	Color
Hex	8DDCDC
RGB	141, 220, 220
RGB Percent	55%, 86%, 86%
CMY	0.4471, 0.1373, 0.1373
CMYK	0.36, 0.00, 0.00, 0.14
HSL	180°, 53%, 71%
HSV	180°, 36%, 86%
XYZ	49.4960, 62.0164, 77.0718
YIQ	196.3790, -47.0840, -16.7480

Conversions

Conversions Part 2

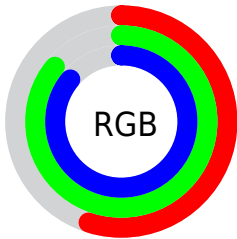
Format	Color
RYB	141, 181, 220
Decimal	9297116
CIELab	82.92, -24.12, -7.69
CIELCh	83, 25.317, 197.673
Yxy	62.0164, 0.2625, 0.3289
Android (android.graphics.Color)	4287487196 (0xFF8DDCDC)
YUV	196.3790, 11.6452, -48.5674
Hunter-Lab	78.7505, -25.6232, -2.9008

Details

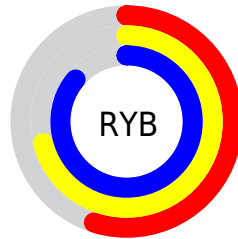
The YUV color **196.3790, 11.6452, -48.5674** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **164.6210, -11.6452, 48.5674**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9570, 8.4022, -35.0423**, and **141.3790, 11.6452, -48.5674** is the 20% darker color. If you saturate the color by 10%, you get **189.8010, 14.8881, -62.0925**, and if you desaturate by 10%, it is **202.9570, 8.4022, -35.0423**.

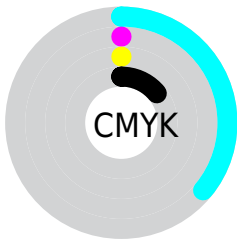
Distribution



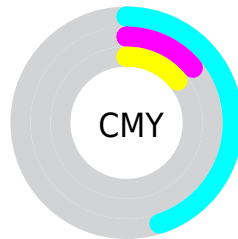
- Red (55%)
- Green (86%)
- Blue (86%)



- Red (55%)
- Yellow (71%)
- Blue (86%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (45%)
- Magenta (14%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.3790, 11.6452, -48.5674 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 196.3790, 11.6452, -48.5674 by changing the saturation by 10% instead.

■ 196.3790, 11.6452,
-48.5674

■ 196.3790, 11.6452,
-48.5674

255.0000, 0.0000,
0.0000

■ 168.3790, 11.6452,
-48.5674

■ 237.9570, 8.4022,
-35.0423

■ 141.3790, 11.6452,
-48.5674

■ 246.6280, 4.1274,
-17.2138

■ 113.8950, 12.3768,
-49.8969

■ 86.3890, 13.1192,
-54.7152

■ 61.8020, 13.4086,
-54.2004

■ 45.0920, 10.3076,
-39.5457

■ 29.6700, 7.0647,

-26.0206

■ 13.7750, 4.5479,
-12.0807

■ 0.0000, 0.0000,
0.0000

■ 196.3790, 11.6452,
-48.5674

■ 196.3790, 11.6452,
-48.5674

■ 189.8010, 14.8881,
-62.0925

■ 202.9570, 8.4022,
-35.0423

■ 183.2230, 18.1311,
-75.6176

■ 209.5350, 5.1592,
-21.5172

■ 176.6450, 21.3740,
-89.1427

■ 216.1130, 1.9163,
-7.9921

■ 170.0670, 24.6170,
-102.6678

■ 222.6910, -1.3267,
5.5330

■ 163.4890, 27.8599,
-116.1929

■ 229.2690, -4.5696,
19.0581

■ 156.9110, 31.1029,
-129.7179

■ 230.4650, -5.1592,
21.5172

■ 154.2200, 32.4295,
-135.2509

Harmonies

Analogous

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



197.8400, -0.9071, -35.8167



196.3790, 11.6452, -48.5674



197.6100, 21.3913, -47.8930

Triad

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



196.3790, 11.6452, -48.5674



210.1710, 14.2127, 14.7590



206.7800, -23.0625, 23.8719

Complementary

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



196.3790, 11.6452, -48.5674



164.6210, -11.6452, 48.5674

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.



208.2360, -17.8643, 36.6270



196.3790, 11.6452, -48.5674



210.4200, 3.2439, 32.9577

Square

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



196.3790, 11.6452, -48.5674



207.3790, 21.9982, -9.1024



209.7770, -8.2711, 39.6606



203.8270, -21.1137, 5.4137

Rectangle

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



196.3790, 11.6452, -48.5674



201.0610, 24.1269, -38.6415



209.7770, -8.2711, 39.6606



207.1550, -21.7684, 28.8051

Sweetspot

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



196.3790, 11.6452, -48.5674



246.6280, 4.1274, -17.2138



187.3730, -22.8619, -40.6691



122.9170, 2.5059, -10.4512



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.



196.3790, 11.6452, -48.5674



222.1100, 16.2148, -67.6255



173.4860, 22.9314, -28.4902



106.7110, 1.6215, -6.7625



121.2730, 25.5014, -106.3564



32.2460, 6.7807, -28.2797

Inverse Universe

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



173.6270, 22.8619, 40.6691



190.4300, 31.8330, 56.6279



188.1010, -23.2208, 27.9754



103.5430, 3.1833, 5.6628



71.4490, 50.0646, 89.0602



18.9980, 13.3120, 23.6808

Previews

White Background



This preview shows how the YUV color 196.3790, 11.6452, -48.5674 looks on a white background.

Color Contrast Check

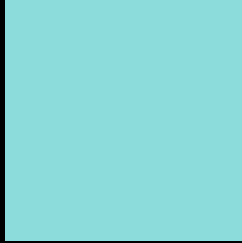
Large Text (above 18pt) WCAG AA × Fail

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 196.3790, 11.6452, -48.5674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

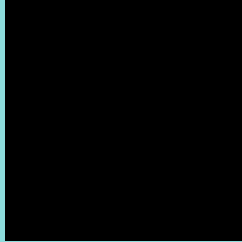
Any Text WCAG AA ✓ Pass

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 196.3790, 11.6452, -48.5674 Background



This preview shows how black text looks on a background with the YUV color 196.3790, 11.6452, -48.5674.



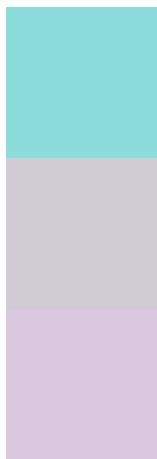
This preview shows how white text looks on a background with the YUV color 196.3790, 11.6452, -48.5674.

-48.5674.

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

196.3790, 11.6452, -48.5674

Protanopia

205.9940, 2.4680, 1.7593

Deuteranopia

207.8190, 7.9772, 8.0517



Tritanopia

198.1110, 18.1863, -46.5783

Trichromacy



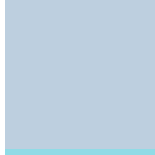
Original Color

196.3790, 11.6452, -48.5674



Protanomaly

202.6820, 5.5798, -16.3841



Deuteranomaly

203.4420, 9.6421, -12.6656



Tritanomaly

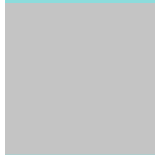
197.8290, 15.8603, -47.2080

Monochromacy



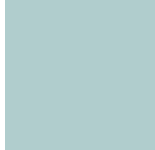
Original Color

196.3790, 11.6452, -48.5674



Achromatopsia

196.0000, 0.0000, 0.0000



Achromatomaly

196.3290, 4.2748, -17.8285

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.3790, 11.6452, -48.5674 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(141, 220, 220)` looks like.

```
.text, #text, p{  
    color:rgb(141, 220, 220)  
}
```

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(141, 220, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 220, 220) }
```

Border

The CSS property to change the border of an element to YUV 196.3790, 11.6452, -48.5674 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(141, 220, 220) }
```


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

```
.border{ border-color:rgb(141, 220, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 220, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 220, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 220, 220);  
box-shadow:4px 4px 4px 4px rgb(141, 220,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 196.3790, 11.6452, -48.5674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 220, 220) }
```

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

```
.background{ background-color: rgb(141,  
220, 220) }
```

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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