

Converting Colors

YUV(166.2060, -12.9196,
-56.3087)

Have a look what the booklet for
YUV(166.2060, -12.9196, -56.3087)
contains.

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Color

**YUV(166.2060, -12.9196,
-56.3087)**

Conversions

Conversions Part 1

Format	Color
Hex	66CC8C
RGB	102, 204, 140
RGB Percent	40%, 80%, 55%
CMY	0.6000, 0.2000, 0.4510
CMYK	0.50, 0.00, 0.31, 0.20
HSL	142°, 50%, 60%
HSV	142°, 50%, 80%
XYZ	31.8060, 47.9040, 32.3810
YIQ	166.2060, -40.2480, -41.5280

Conversions

Conversions Part 2

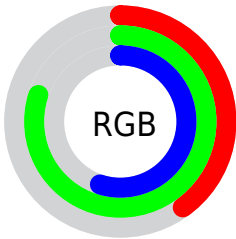
Format	Color
RYB	102, 176, 204
Decimal	6737036
CIELab	74.76, -44.09, 22.99
CIELCh	75, 49.729, 152.461
Yxy	47.9040, 0.2838, 0.4274
Android (android.graphics.Color)	4284927116 (0xFF66CC8C)
YUV	166.2060, -12.9196, -56.3087
Hunter-Lab	69.2127, -39.0944, 20.7102

Details

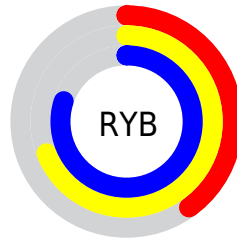
The YUV color **166.2060, -12.9196, -56.3087** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **139.7940, 12.9196, 56.3087**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.3420, -12.4936, -52.9199**, and **110.1670, -10.4353, -59.7825** is the 20% darker color. If you saturate the color by 10%, you get **158.7440, -15.6498, -67.3045**, and if you desaturate by 10%, it is **173.6680, -10.1893, -45.3128**.

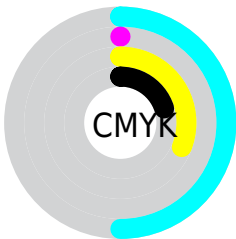
Distribution



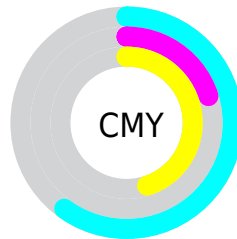
- Red (40%)
- Green (80%)
- Blue (55%)



- Red (40%)
- Yellow (69%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2060, -12.9196, -56.3087 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 166.2060, -12.9196, -56.3087 by changing the saturation by 10% instead.

■ 166.2060,
-12.9196, -56.3087

■ 166.2060,
-12.9196, -56.3087

■ 255.0000, 0.0000,
0.0000

■ 138.1350,
-11.8986, -57.1234

■ 219.3420,
-12.4936, -52.9199

■ 110.1670,
-10.4353, -59.7825

■ 230.9060, -4.3907,
-38.5056

■ 79.7250, -6.7664,
-69.9188

■ 243.1820, 3.8543,
-22.9616

■ 61.8410, -9.2886,
-54.2346

■ 252.3090, 1.3267,
-5.5330

■ 44.6580, -11.6634,
-39.1651

■ 28.7630, -14.1802,
-25.2252

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 166.2060,
-12.9196, -56.3087

■ 166.2060,
-12.9196, -56.3087

■ 158.7440,
-15.6498, -67.3045

■ 173.6680,
-10.1893, -45.3128

■ 150.9830,
-18.2326, -78.9151

■ 181.4290, -7.6065,
-33.7022

■ 143.6350,
-20.5261, -90.0109

■ 188.7770, -5.3131,
-22.6064

■ 135.8740,
-23.1089, -101.6215

■ 196.5380, -2.7302,
-10.9958

■ 128.4120,
-25.8391, -112.6173

■ 204.0000, 0.0000,
0.0000

■ 211.4620, 2.7302,
10.9958

■ 219.2230, 5.3131,
22.6064

■ 223.5810, 9.0806,
27.5545

■ 225.0630, 14.7589,
26.2547

Harmonies

Analogous

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



175.0470, -35.0262, -12.3192



166.2060, -12.9196, -56.3087



143.3000, 21.0511, -125.6741

Triad

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



166.2060, -12.9196, -56.3087



172.9250, 40.4630, -51.6772



181.0870, -21.7349, 64.8217

Complementary

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



166.2060, -12.9196, -56.3087



139.7940, 12.9196, 56.3087

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.



182.6950, -0.3426, 63.4115



166.2060, -12.9196, -56.3087



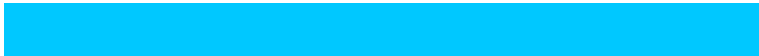
187.1540, 33.4481, 5.1269

Square

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



166.2060, -12.9196, -56.3087



146.4700, 53.5053, -128.4542



189.2320, 18.6196, 48.0315



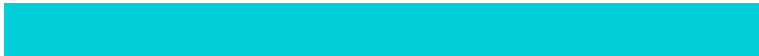
182.7380, -39.3108, 55.4808

Rectangle

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



166.2060, -12.9196, -56.3087



146.2470, 34.8812, -128.2586



189.2320, 18.6196, 48.0315



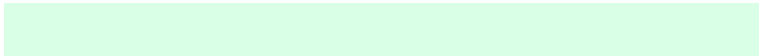
180.3350, -14.4622, 65.4812

Sweetspot

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



166.2060, -12.9196, -56.3087



240.9020, -4.8817, -20.9621



181.3090, -39.0993, -12.5490



119.4130, -3.1616, -12.6402



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.



166.2060, -12.9196, -56.3087



198.3090, -19.3793, -84.4630



171.9060, 8.9203, -61.3076



98.3260, -1.1467, -5.5479



104.5100, -20.9574, -91.6553



23.9020, -4.8817, -20.9621

Inverse Universe

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



139.7940, 12.9196, 56.3087



158.6910, 19.3793, 84.4630



134.0940, -8.9203, 61.3076



95.6740, 1.1467, 5.5479



61.4900, 20.9574, 91.6553



14.0980, 4.8817, 20.9621

Previews

White Background



This preview shows how the YUV color 166.2060, -12.9196, -56.3087 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 166.2060, -12.9196, -56.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

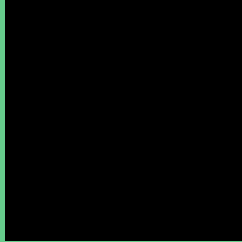
Any Text WCAG AA ✓ Pass

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 166.2060, -12.9196, -56.3087 Background



This preview shows how black text looks on a background with the YUV color 166.2060, -12.9196, -56.3087.



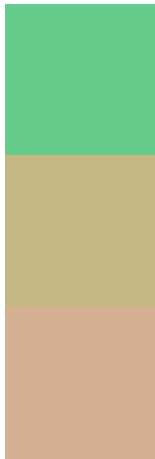
This preview shows how white text looks on a background with the YUV color 166.2060, -12.9196, -56.3087.

-56.3087.

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

166.2060, -12.9196, -56.3087

Protanopia

181.2580, -24.7772, 13.8057

Deuteranopia

183.6430, -18.5580, 25.7461



Tritanopia

174.3990, 18.0443, -47.7079

Trichromacy



Original Color

166.2060, -12.9196, -56.3087



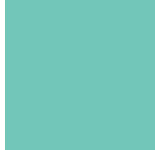
Protanomaly

175.8310, -20.6227, -12.1298



Deuteranomaly

177.3250, -16.4292, -3.7930



Tritanomaly

171.1030, 6.8512, -50.9563

Monochromacy



Original Color

166.2060, -12.9196, -56.3087



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.3150, -4.5923, -20.4473

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2060, -12.9196, -56.3087 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(102, 204, 140)` looks like.

```
.text, #text, p{  
    color:rgb(102, 204, 140)  
}
```

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(102, 204, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 204, 140) }
```

Border

The CSS property to change the border of an element to YUV 166.2060, -12.9196, -56.3087 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(102, 204, 140) }
```


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

```
.border{ border-color:rgb(102, 204, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 204, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 204, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 204, 140);  
box-shadow:4px 4px 4px 4px rgb(102, 204,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 166.2060, -12.9196, -56.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 204, 140) }
```

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

```
.background{ background-color: rgb(102,  
204, 140) }
```

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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