

Converting Colors

YUV(156.6910, -8.2287,
-20.7770)

Have a look what the booklet for
YUV(156.6910, -8.2287, -20.7770)
contains.

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Color

**YUV(156.6910, -8.2287,
-20.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	85AC8C
RGB	133, 172, 140
RGB Percent	52%, 67%, 55%
CMY	0.4784, 0.3255, 0.4510
CMYK	0.23, 0.00, 0.19, 0.33
HSL	131°, 19%, 60%
HSV	131°, 23%, 67%
XYZ	29.1590, 36.3850, 30.2971
YIQ	156.6910, -12.9720, -18.2200

Conversions

Conversions Part 2

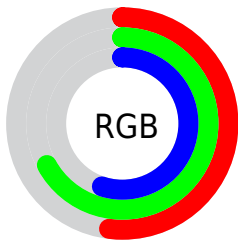
Format	Color
RYB	133, 166, 172
Decimal	8760460
CIELab	66.81, -19.73, 12.21
CIElCh	67, 23.205, 148.249
Yxy	36.3850, 0.3042, 0.3796
Android (android.graphics.Color)	4286950540 (0xFF85AC8C)
YUV	156.6910, -8.2287, -20.7770
Hunter-Lab	60.3200, -19.2722, 12.4442

Details

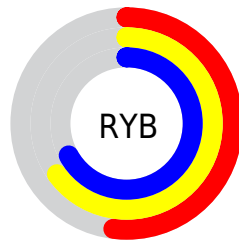
The YUV color **156.6910, -8.2287, -20.7770** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **148.3090, 8.2287, 20.7770**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.8650, -8.8074, -21.8066**, and **105.5170, -7.6499, -19.7474** is the 20% darker color. If you saturate the color by 10%, you get **150.0120, -11.8379, -29.8285**, and if you desaturate by 10%, it is **163.3700, -4.6194, -11.7255**.

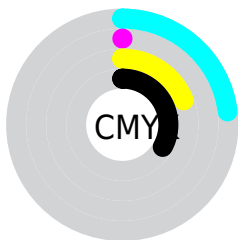
Distribution



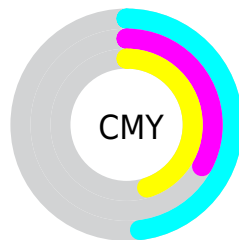
- Red (52%)
- Green (67%)
- Blue (55%)



- Red (52%)
- Yellow (65%)
- Blue (67%)



- Cyan (23%)
- Magenta (0%)
- Yellow (19%)
- Black (33%)



- Cyan (48%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.6910, -8.2287, -20.7770 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 156.6910, -8.2287, -20.7770 by changing the saturation by 10% instead.

■ 156.6910, -8.2287,
-20.7770

■ 156.6910, -8.2287,
-20.7770

255.0000, 0.0000,
0.0000

■ 130.1040, -7.9393,
-20.2622

■ 211.8650, -8.8074,
-21.8066

■ 105.5170, -7.6499,
-19.7474

■ 239.2780, -8.5181,
-21.2918

■ 80.9300, -7.3605,
-19.2326

■ 250.8420, -0.4151,
-6.8774

■ 57.1580, -6.4869,
-19.4326

■ 34.3860, -5.6133,
-19.6325

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,

0.0000

■ 156.6910, -8.2287,
-20.7770

■ 156.6910, -8.2287,
-20.7770

■ 150.0120,
-11.8379, -29.8285

■ 163.3700, -4.6194,
-11.7255

■ 143.3330,
-15.4472, -38.8800

■ 170.0490, -1.0102,
-2.6740

■ 136.3550,
-18.9090, -48.5463

■ 177.0270, 2.4517,
6.9923

■ 129.6760,
-22.5183, -57.5979

■ 183.7060, 6.0609,
16.0438

■ 122.8830,
-26.5643, -66.5494

■ 190.4990, 10.1070,
24.9954

■ 116.2040,
-30.1736, -75.6009

■ 197.1780, 13.7162,
34.0469

■ 109.5250,
-33.7828, -84.6524

■ 203.8570, 17.3255,
43.0984

■ 104.4980,
-36.2345, -91.6447

■ 206.0510, 23.1459,
42.9283

■ 206.2790, 24.0195,
42.7283

Harmonies

Analogous

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



159.2220, -16.8714, -1.9487



156.6910, -8.2287, -20.7770



153.9800, 3.4609, -36.8165

Triad

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



156.6910, -8.2287, -20.7770



160.7750, 21.3099, -21.7277



165.1740, -10.4388, 34.9274

Complementary

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



156.6910, -8.2287, -20.7770



148.3090, 8.2287, 20.7770

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.



166.0840, -0.5344, 31.4983



156.6910, -8.2287, -20.7770



164.4680, 17.0243, -0.4104

Square

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



156.6910, -8.2287, -20.7770



156.0240, 20.2012, -39.4860



165.9390, 9.3971, 19.3475



163.5940, -17.5478, 28.4201

Rectangle

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



156.6910, -8.2287, -20.7770



153.1840, 10.7553, -43.1344



165.9390, 9.3971, 19.3475



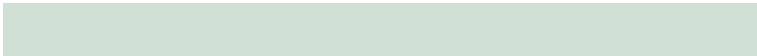
165.2710, -7.5286, 34.8423

Sweetspot

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



156.6910, -8.2287, -20.7770



218.1470, -3.0305, -8.0219



165.7600, -16.1507, 0.2105



108.5110, -1.7309, -4.8331



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



156.6910, -8.2287, -20.7770



200.4740, -12.5587, -31.9877



158.8570, 0.0705, -22.6766



83.5110, -1.7309, -4.8331



91.1280, -31.6151, -79.9193



13.9570, -4.9088, -12.2403

Inverse Universe

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



148.3090, 8.2287, 20.7770



187.6400, 12.9955, 31.8877



146.1430, -0.0705, 22.6766



81.4890, 1.7309, 4.8331



58.8720, 31.6151, 79.9193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 156.6910, -8.2287, -20.7770 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 156.6910, -8.2287, -20.7770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

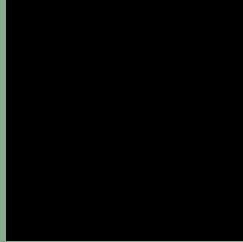
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.6910, -8.2287, -20.7770

Background



This preview shows how black text looks on a background with the YUV color 156.6910, -8.2287, -20.7770.



This preview shows how white text looks on a background with the YUV color 156.6910, -8.2287, -20.7770.

-20.7770.

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

156.6910, -8.2287, -20.7770

Protanopia

161.6130, -13.1202, 8.2324

Deuteranopia

163.1890, -9.9532, 19.1282



Tritanopia

160.4090, 9.6584, -17.8987

Trichromacy



Original Color

156.6910, -8.2287, -20.7770

Protanomaly

160.0030, -11.3405, -2.6336

Deuteranomaly

160.9160, -9.3256, 4.4587

Tritanomaly

158.9760, 2.9698, -19.2730

Monochromacy



Original Color

156.6910, -8.2287, -20.7770

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.5600, -2.7411, -7.5071

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.6910, -8.2287, -20.7770 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(133, 172, 140)` looks like.

```
.text, #text, p{  
    color:rgb(133, 172, 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(133, 172, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 172, 140) }
```

Border

The CSS property to change the border of an element to YUV 156.6910, -8.2287, -20.7770 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(133, 172, 140) }
```


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

```
.border{ border-color:rgb(133, 172, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 172, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 172, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 172, 140);  
box-shadow:4px 4px 4px 4px rgb(133, 172,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 156.6910, -8.2287, -20.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 172, 140) }
```

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

```
.background{ background-color: rgb(133,  
172, 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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