

Converting Colors

YUV(156.3780, -20.3994,
-37.1655)

Have a look what the booklet for
YUV(156.3780, -20.3994, -37.1655)
contains.

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Color

**YUV(156.3780, -20.3994,
-37.1655)**

Conversions

Conversions Part 1

Format	Color
Hex	72BA73
RGB	114, 186, 115
RGB Percent	45%, 73%, 45%
CMY	0.5529, 0.2706, 0.5490
CMYK	0.39, 0.00, 0.38, 0.27
HSL	121°, 34%, 59%
HSV	121°, 39%, 73%
XYZ	27.5928, 39.9330, 22.4732
YIQ	156.3780, -20.1210, -37.3450

Conversions

Conversions Part 2

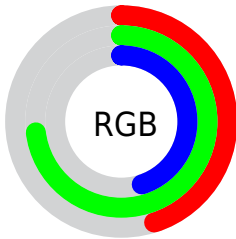
Format	Color
RYB	114, 185, 186
Decimal	7518835
CIELab	69.42, -37.13, 29.08
CIElCh	69, 47.161, 141.925
Yxy	39.9330, 0.3066, 0.4437
Android (android.graphics.Color)	4285708915 (0xFF72BA73)
YUV	156.3780, -20.3994, -37.1655
Hunter-Lab	63.1926, -32.6455, 23.1495

Details

The YUV color **156.3780, -20.3994, -37.1655** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **143.6220, 20.3994, 37.1655**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.3240, -21.8517, -37.9951**, and **103.2470, -18.3628, -37.0506** is the 20% darker color. If you saturate the color by 10%, you get **148.6450, -25.4610, -47.0467**, and if you desaturate by 10%, it is **164.1110, -15.3377, -27.2843**.

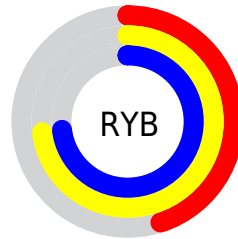
Distribution



Red (45%)

Green (73%)

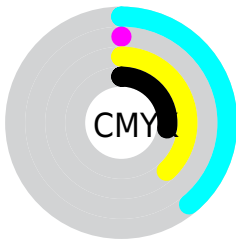
Blue (45%)



Red (45%)

Yellow (73%)

Blue (73%)

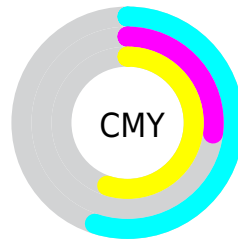


Cyan (39%)

Magenta (0%)

Yellow (38%)

Black (27%)



Cyan (55%)

Magenta (27%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.3780, -20.3994, -37.1655 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 156.3780, -20.3994, -37.1655 by changing the saturation by 10% instead.

■ 156.3780,
-20.3994, -37.1655

■ 156.3780,
-20.3994, -37.1655

255.0000, 0.0000,
0.0000

■ 129.6060,
-19.5258, -37.3655

■ 212.3240,
-21.8517, -37.9951

■ 103.2470,
-18.3628, -37.0506

■ 230.8180,
-17.6583, -29.6584

■ 77.1650, -17.3363,
-39.6097

■ 242.6810, -9.7027,
-14.6292

■ 50.3000, -15.4309,
-44.1131

254.6580, -1.3104,
0.2999

■ 34.0460, -16.7847,
-29.8583

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,

0.0000

■ 156.3780,
-20.3994, -37.1655

■ 156.3780,
-20.3994, -37.1655

■ 148.6450,
-25.4610, -47.0467

■ 164.1110,
-15.3377, -27.2843

■ 141.0970,
-31.1068, -56.2131

■ 171.6590, -9.6919,
-18.1179

■ 133.3640,
-36.1685, -66.0942

■ 179.3920, -4.6303,
-8.2368

■ 125.9300,
-41.3775, -75.3606

■ 186.8260, 0.5788,
1.0296

■ 118.0830,
-46.8759, -85.1418

■ 194.6730, 6.0772,
10.8108

■ 110.3500,
-51.9375, -95.0229

■ 202.4060, 11.1388,
20.6919

■ 109.5240,
-52.5163, -96.0525

■ 209.8400, 16.3479,
29.9583

■ 214.4970, 19.9680,
35.5211

Harmonies

Analogous

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



162.8530, -37.3955, 1.0059



156.3780, -20.3994, -37.1655



140.0670, 7.8550, -93.0208

Triad

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



156.3780, -20.3994, -37.1655



152.8880, 49.8482, -75.3238



170.8410, -15.2046, 70.2994

Complementary

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



156.3780, -20.3994, -37.1655



143.6220, 20.3994, 37.1655

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.



172.7640, 5.0463, 61.5970



156.3780, -20.3994, -37.1655



170.4120, 38.7439, -13.5163

Square

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



156.3780, -20.3994, -37.1655



136.6730, 48.9682, -119.8622



174.2130, 24.0520, 32.2622



169.2960, -32.1909, 58.4994

Rectangle

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



156.3780, -20.3994, -37.1655



133.9080, 25.6814, -117.4373



174.2130, 24.0520, 32.2622



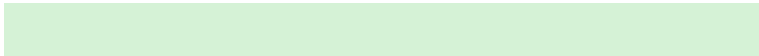
171.2630, -8.5107, 69.9293

Sweetspot

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



156.3780, -20.3994, -37.1655



230.1370, -7.9555, -15.0291



177.7920, -31.4495, 7.1984



115.0930, -4.4828, -8.8516



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



156.3780, -20.3994, -37.1655



196.2710, -31.6856, -57.2427



160.3680, -5.1114, -40.6647



88.2830, -2.6045, -4.6332



91.8000, -44.2714, -80.5086



16.4360, -8.1029, -14.4144

Inverse Universe

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



143.6220, 20.3994, 37.1655



176.7290, 31.6856, 57.2427



139.6320, 5.1114, 40.6647



86.7170, 2.6045, 4.6332



64.0860, 43.8346, 80.6086



11.5640, 8.1029, 14.4144

Previews

White Background



This preview shows how the YUV color 156.3780, -20.3994, -37.1655 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 156.3780, -20.3994, -37.1655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

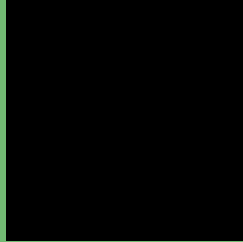
Any Text WCAG AA ✓ Pass

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 156.3780, -20.3994, -37.1655 Background



This preview shows how black text looks on a background with the YUV color 156.3780, -20.3994, -37.1655.



This preview shows how white text looks on a background with the YUV color 156.3780, -20.3994, -37.1655.

-37.1655.

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

156.3780, -20.3994, -37.1655

Protanopia

166.5310, -28.8558, 15.3203

Deuteranopia

168.6880, -23.5102, 27.4606



Tritanopia

164.2440, 13.1907, -30.9090

Trichromacy



Original Color

156.3780, -20.3994, -37.1655

Protanomaly

162.9200, -25.5966, -3.4378

Deuteranomaly

164.4740, -22.4187, 3.9693

Tritanomaly

161.3180, 0.8292, -32.7279

Monochromacy



Original Color

156.3780, -20.3994, -37.1655

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.2620, -7.5242, -13.3848

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.3780, -20.3994, -37.1655 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(114, 186, 115)` looks like.

```
.text, #text, p{  
    color:rgb(114, 186, 115)  
}
```

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(114, 186, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 186, 115) }
```

Border

The CSS property to change the border of an element to YUV 156.3780, -20.3994, -37.1655 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(114, 186, 115) }
```


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

```
.border{ border-color:rgb(114, 186, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 186, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 186, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 186, 115);  
box-shadow:4px 4px 4px 4px rgb(114, 186,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 156.3780, -20.3994, -37.1655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 186, 115) }
```

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

```
.background{ background-color: rgb(114,  
186, 115) }
```

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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