

Converting Colors

YUV(106.2090, 13.2080,
10.3407)

Have a look what the booklet for
YUV(106.2090, 13.2080, 10.3407)
contains.

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Color

**YUV(106.2090, 13.2080,
10.3407)**

Conversions

Conversions Part 1

Format	Color
Hex	765F85
RGB	118, 95, 133
RGB Percent	46%, 37%, 52%
CMY	0.5373, 0.6275, 0.4784
CMYK	0.11, 0.29, 0.00, 0.48
HSL	276°, 17%, 45%
HSV	276°, 29%, 52%
XYZ	15.7971, 13.7294, 24.0077
YIQ	106.2090, 1.5100, 16.6940

Conversions

Conversions Part 2

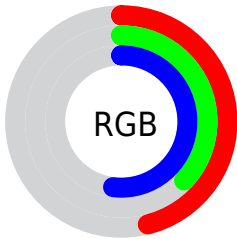
Format	Color
R_{YB}	118, 95, 133
Decimal	7757701
CIE Lab	43.84, 16.96, -17.65
CIE LCh	44, 24.480, 313.865
Yxy	13.7294, 0.2951, 0.2565
Android (android.graphics.Color)	4285947781 (0xFF765F85)
YUV	106.2090, 13.2080, 10.3407
Hunter-Lab	37.0532, 11.2575, -12.4783

Details

The YUV color **106.2090, 13.2080, 10.3407** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **121.7910, -13.2080, -10.3407**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.0350, 13.7867, 11.3703**, and **58.8560, 11.9030, 8.8963** is the 20% darker color. If you saturate the color by 10%, you get **97.0830, 17.7071, 13.9592**, and if you desaturate by 10%, it is **115.3350, 8.7088, 6.7222**.

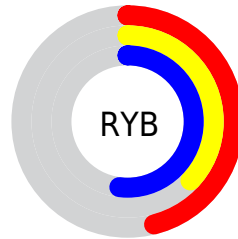
Distribution



Red (46%)

Green (37%)

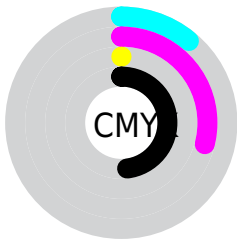
Blue (52%)



Red (46%)

Yellow (37%)

Blue (52%)

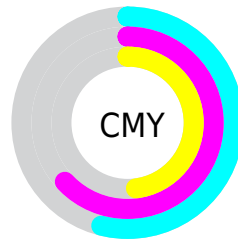


Cyan (11%)

Magenta (29%)

Yellow (0%)

Black (48%)



Cyan (54%)

Magenta (63%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.2090, 13.2080, 10.3407 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 106.2090, 13.2080, 10.3407 by changing the saturation by 10% instead.

■ 106.2090, 13.2080,
10.3407

■ 106.2090, 13.2080,
10.3407

■ 255.0000, 0.0000,
0.0000

■ 81.7960, 12.9186,
9.8259

■ 158.0350, 13.7867,
11.3703

■ 58.8560, 11.9030,
8.8963

■ 184.5620, 14.5129,
11.7851

■ 36.4430, 11.6136,
8.3815

■ 212.5620, 14.5129,
11.7851

■ 13.8670, 11.8976,
10.6406

■ 239.1510, 7.8136,
13.8996

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

106.2090, 13.2080,
10.3407

106.2090, 13.2080,
10.3407

97.0830, 17.7071,
13.9592

115.3350, 8.7088,
6.7222

87.3700, 22.4956,
18.0925

125.3470, 3.7729,
3.2037

77.9450, 27.1421,
21.0962

134.4730, -0.7262,
-0.4148

68.8190, 31.6412,
24.7147

143.5990, -5.2253,
-4.0333

59.1060, 36.4297,
28.8480

153.3120,
-10.0138, -8.1666

49.9800, 40.9289,
32.4665

162.7370,
-14.6603, -11.1703

40.5550, 45.5754,
35.4703


171.8630,
-19.1595, -14.7889

39.3810, 46.1542,

180.9890,

36.4999

-23.6586, -18.4074

 190.7020,
-28.4471, -22.5407

Harmonies

Analogous

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



103.0860, 19.6776, -11.4764



106.2090, 13.2080, 10.3407



106.0170, 4.4286, 26.2951

Triad

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



106.2090, 13.2080, 10.3407



103.4960, -18.9785, 20.6130



91.1510, 10.7716, -48.3674

Complementary

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



106.2090, 13.2080, 10.3407



121.7910, -13.2080, -10.3407

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.



95.3460, -1.6496, -30.9984



106.2090, 13.2080, 10.3407



101.2230, -18.3509, 5.9434

Square

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



106.2090, 13.2080, 10.3407



104.5280, -14.0643, 31.1089



99.0080, -12.3289, -12.2850



90.2350, 20.0971, -52.8261

Rectangle

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



106.2090, 13.2080, 10.3407



106.0410, -1.9922, 32.4130



99.0080, -12.3289, -12.2850



92.4460, 6.6821, -43.3641

Sweetspot

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



106.2090, 13.2080, 10.3407



162.4010, 5.2253, 4.0333



108.1370, 12.2575, -11.5211



79.9340, 3.4835, 2.6889



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



106.2090, 13.2080, 10.3407



131.4900, 20.4644, 16.2333



110.2380, 9.2497, 19.9623



61.8800, 2.0312, 1.8592



38.4410, 45.1386, 35.5702



0.9400, 1.0156, 0.9296

Inverse Universe

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



108.0720, 0.9505, 21.8619



134.3770, 1.7861, 33.8724



117.7620, -9.2497, -19.9623



62.0220, -0.0108, 3.4887



44.6840, 3.1138, 74.8221



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 106.2090, 13.2080, 10.3407 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 106.2090, 13.2080, 10.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

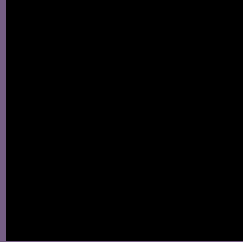
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.2090, 13.2080, 10.3407

Background



This preview shows how black text looks on a background with the YUV color 106.2090, 13.2080, 10.3407.



This preview shows how white text looks on a background with the YUV color 106.2090, 13.2080,

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

106.2090, 13.2080, 10.3407

Protanopia

103.8260, 17.3408, -8.6174

Deuteranopia

104.5230, 13.5462, -4.8437



Tritanopia

105.0980, 1.4307, 7.8071

Trichromacy



Original Color

106.2090, 13.2080, 10.3407

Protanomaly

104.5280, 16.0087, -1.3401

Deuteranomaly

104.8550, 13.3825, 1.0042

Tritanomaly

105.2490, 5.7932, 8.5516

Monochromacy



Original Color

106.2090, 13.2080, 10.3407

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.9880, 4.9359, 3.5185

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.2090, 13.2080, 10.3407 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(118, 95, 133)` looks like.

```
.text, #text, p{  
    color:rgb(118, 95, 133)  
}
```

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(118, 95, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 95, 133) }
```

Border

The CSS property to change the border of an element to YUV 106.2090, 13.2080, 10.3407 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(118, 95, 133) }
```


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

```
.border{ border-color:rgb(118, 95, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 95, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 95, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 95, 133);  
box-shadow:4px 4px 4px 4px rgb(118, 95,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 106.2090, 13.2080, 10.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 95, 133) }
```

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

```
.background{ background-color: rgb(118, 95,  
133) }
```

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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