

Converting Colors

YUV(110.1290, -15.8396,
-6.2521)

Have a look what the booklet for
YUV(110.1290, -15.8396, -6.2521)
contains.

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Color

**YUV(110.1290, -15.8396,
-6.2521)**

Conversions

Conversions Part 1

Format	Color
Hex	67784E
RGB	103, 120, 78
RGB Percent	40%, 47%, 31%
CMY	0.5961, 0.5294, 0.6941
CMYK	0.14, 0.00, 0.35, 0.53
HSL	84°, 21%, 39%
HSV	84°, 35%, 47%
XYZ	13.6851, 16.8666, 9.7420
YIQ	110.1290, 3.3500, -16.6660

Conversions

Conversions Part 2

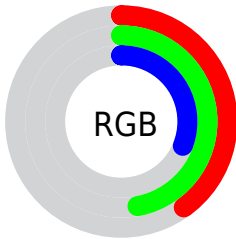
Format	Color
RYB	78, 120, 95
Decimal	6781006
CIELab	48.09, -14.19, 21.05
CIElCh	48, 25.388, 123.989
Yxy	16.8666, 0.3396, 0.4186
Android (android.graphics.Color)	4284971086 (0xFF67784E)
YUV	110.1290, -15.8396, -6.2521
Hunter-Lab	41.0689, -12.3902, 14.6840

Details

The YUV color **110.1290, -15.8396, -6.2521** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **87.8710, 15.8396, 6.2521**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7870, -17.1500, -5.9522**, and **61.8840, -14.2398, -6.0373** is the 20% darker color. If you saturate the color by 10%, you get **107.2660, -20.3441, -8.1263**, and if you desaturate by 10%, it is **112.9920, -11.3351, -4.3780**.

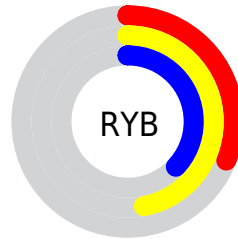
Distribution



Red (40%)

Green (47%)

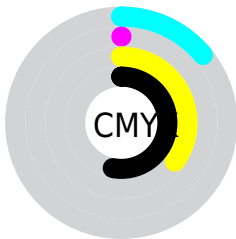
Blue (31%)



Red (31%)

Yellow (47%)

Blue (37%)

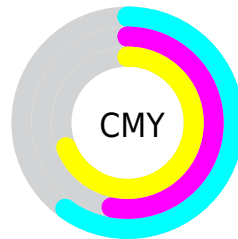


Cyan (14%)

Magenta (0%)

Yellow (35%)

Black (53%)



Cyan (60%)

Magenta (53%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.1290, -15.8396, -6.2521 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 110.1290, -15.8396, -6.2521 by changing the saturation by 10% instead.

■ 110.1290,
-15.8396, -6.2521

■ 110.1290,
-15.8396, -6.2521

■ 255.0000, 0.0000,
0.0000

■ 85.6560, -15.1134,
-5.8373

■ 161.7870,
-17.1500, -5.9522

■ 61.8840, -14.2398,
-6.0373

■ 189.3740,
-17.4394, -6.4670

■ 39.8840, -14.2398,
-6.0373

■ 216.9610,
-17.7288, -6.9818

■ 19.1270, -9.4296,
-8.8814

■ 244.5590,
-18.0236, -5.7522

■ 0.0000, 0.0000,
0.0000

■ 252.8340, -8.2992,
1.8996

■ 110.1290,
-15.8396, -6.2521

■ 110.1290,
-15.8396, -6.2521

■ 107.2660,
-20.3441, -8.1263

■ 112.9920,
-11.3351, -4.3780

■ 104.4030,
-24.8487, -10.0004

■ 115.8550, -6.8305,
-2.5038

■ 101.5400,
-29.3532, -11.8746

■ 118.7180, -2.3260,
-0.6297

■ 98.9760, -34.0052,
-13.1340

■ 121.2820, 2.3260,
0.6297

■ 96.1130, -38.5097,
-15.0081

■ 124.1450, 6.8305,
2.5038

■ 93.2500, -43.0142,
-16.8822

■ 127.0080, 11.3351,
4.3780

■ 91.6690, -45.1928,
-18.1267

■ 129.8710, 15.8396,
6.2521

■ 132.7340, 20.3441,

8.1263

■ 135.5970, 24.8487,
10.0004

Harmonies

Analogous

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



112.6860, -20.5512, 11.6764



110.1290, -15.8396, -6.2521



106.9400, -5.8864, -25.3804

Triad

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



110.1290, -15.8396, -6.2521



105.0990, 23.1222, -43.0598



116.6390, -2.2870, 33.6426

Complementary

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



110.1290, -15.8396, -6.2521



87.8710, 15.8396, 6.2521

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.



117.5050, 7.6390, 23.2361



110.1290, -15.8396, -6.2521



112.0140, 22.1781, -20.1833

Square

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



110.1290, -15.8396, -6.2521



100.0560, 18.2134, -55.3001



116.6750, 16.4292, 3.7930



115.4190, -12.0386, 34.7125

Rectangle

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



110.1290, -15.8396, -6.2521



104.3280, 2.3033, -38.8757



116.6750, 16.4292, 3.7930



116.8390, 1.0654, 31.7132

Sweetspot

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



110.1290, -15.8396, -6.2521



151.8550, -6.8305, -2.5038



100.5370, -11.1107, 17.0691



76.6640, -3.7784, -1.4593



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



110.1290, -15.8396, -6.2521



140.4030, -24.8487, -10.0004



103.8500, -12.7440, -19.1624



59.7180, -2.3260, -0.6297



95.5010, -47.0820, -18.8564



192.7740, -95.0376, -37.5128

Inverse Universe

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



87.8710, 15.8396, 6.2521



105.5970, 24.8487, 10.0004



94.1500, 12.7440, 19.1624



56.5810, 2.1786, 1.2445



29.4990, 47.0820, 18.8564



59.2260, 95.0376, 37.5128

Previews

White Background



This preview shows how the YUV color 110.1290, -15.8396, -6.2521 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 110.1290, -15.8396, -6.2521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

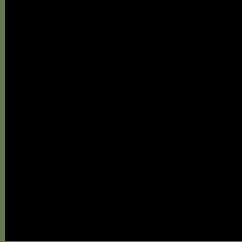
Any Text WCAG AA × Fail

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 110.1290, -15.8396, -6.2521 Background



This preview shows how black text looks on a background with the YUV color 110.1290, -15.8396, -6.2521.



This preview shows how white text looks on a background with the YUV color 110.1290, -15.8396, -6.2521.

-6.2521.

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

110.1290, -15.8396, -6.2521

Protanopia

112.6580, -18.0724, 9.9469

Deuteranopia

113.7670, -16.6471, 19.4983



Tritanopia

113.5310, 4.6682, -3.9737

Trichromacy



Original Color

110.1290, -15.8396, -6.2521

Protanomaly

111.5540, -17.0351, 3.8991

Deuteranomaly

112.4130, -16.4726, 10.1618

Tritanomaly

112.2830, -2.6045, -4.6332

Monochromacy



Original Color

110.1290, -15.8396, -6.2521

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.0830, -5.9569, -2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.1290, -15.8396, -6.2521 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(103, 120, 78)` looks like.

```
.text, #text, p{  
    color:rgb(103, 120, 78)  
}
```

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(103, 120, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 120, 78) }
```

Border

The CSS property to change the border of an element to YUV 110.1290, -15.8396, -6.2521 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(103, 120, 78) }
```


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

```
.border{ border-color:rgb(103, 120, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 120, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 120, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 120, 78);  
box-shadow:4px 4px 4px 4px rgb(103, 120,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 110.1290, -15.8396, -6.2521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 120, 78) }
```

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

```
.background{ background-color: rgb(103,  
120, 78) }
```

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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