

Converting Colors

YUV(111.5750, 21.4085,
-6.6433)

Have a look what the booklet for
YUV(111.5750, 21.4085, -6.6433)
contains.

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Color

**YUV(111.5750, 21.4085,
-6.6433)**

Conversions

Conversions Part 1

Format	Color
Hex	686B9B
RGB	104, 107, 155
RGB Percent	41%, 42%, 61%
CMY	0.5922, 0.5804, 0.3922
CMYK	0.33, 0.31, 0.00, 0.39
HSL	236°, 20%, 51%
HSV	236°, 33%, 61%
XYZ	16.8830, 15.8250, 33.1750
YIQ	111.5750, -17.1960, 14.2920

Conversions

Conversions Part 2

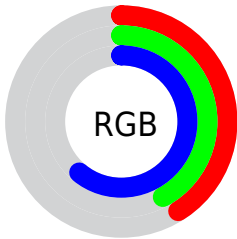
Format	Color
RYB	104, 107, 155
Decimal	6843291
CIELab	46.74, 10.62, -26.40
CIELCh	47, 28.455, 291.907
Yxy	15.8250, 0.2563, 0.2402
Android (android.graphics.Color)	4285033371 (0xFF686B9B)
YUV	111.5750, 21.4085, -6.6433
Hunter-Lab	39.7807, 6.1397, -21.5984

Details

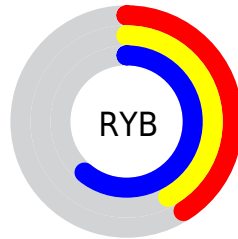
The YUV color **111.5750, 21.4085, -6.6433** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **147.4250, -21.4085, 6.6433**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6290, 22.8609, -5.8136**, and **63.2220, 20.1036, -8.0877** is the 20% darker color. If you saturate the color by 10%, you get **98.2850, 27.9605, -8.1429**, and if you desaturate by 10%, it is **125.1640, 14.7091, -4.5288**.

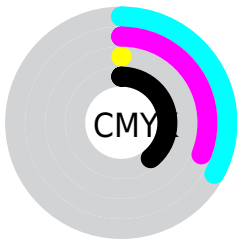
Distribution



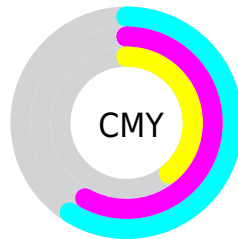
- Red (41%)
- Green (42%)
- Blue (61%)



- Red (41%)
- Yellow (42%)
- Blue (61%)



- Cyan (33%)
- Magenta (31%)
- Yellow (0%)
- Black (39%)



- Cyan (59%)
- Magenta (58%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.5750, 21.4085, -6.6433 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 111.5750, 21.4085, -6.6433 by changing the saturation by 10% instead.

■ 111.5750, 21.4085,
-6.6433

■ 111.5750, 21.4085,
-6.6433

■ 255.0000, 0.0000,
0.0000

■ 87.0480, 20.6823,
-7.0581

■ 163.6290, 22.8609,
-5.8136

■ 63.2220, 20.1036,
-8.0877

■ 190.7430, 23.2977,
-5.9136

■ 40.2820, 19.0880,
-9.0173

■ 217.4890, 18.4929,
-4.8139

■ 17.8470, 18.8094,
-13.0208

■ 242.5960, 6.1152,
-1.3997

■ 5.0500, 14.2723,
-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,

0.0000

■ 111.5750, 21.4085,
-6.6433

■ 111.5750, 21.4085,
-6.6433

■ 98.2850, 27.9605,
-8.1429

■ 125.1640, 14.7091,
-4.5288

■ 85.2830, 34.3705,
-10.7722

■ 137.8670, 8.4466,
-2.5144

■ 71.6940, 41.0699,
-12.8866

■ 151.4560, 1.7472,
-0.3999

■ 58.9910, 47.3324,
-14.9011

■ 164.1590, -4.5154,
1.6146

■ 45.4020, 54.0318,
-17.0156

■ 177.4490,
-11.0674, 3.1142

■ 32.1120, 60.5838,
-18.5152

■ 191.0380,
-17.7667, 5.2287

■ 22.9530, 65.0992,
-20.1298

■ 204.0400,
-24.1767, 7.8579

■ 217.3300,
-30.7287, 9.3576

■ 230.0330,
-36.9913, 11.3721

Harmonies

Analogous

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



104.6530, 26.3001, -35.6527



111.5750, 21.4085, -6.6433



113.9650, 13.3283, 18.4477

Triad

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



111.5750, 21.4085, -6.6433



111.1000, -18.2903, 33.2383



98.5940, 2.1722, -43.4939

Complementary

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



111.5750, 21.4085, -6.6433



147.4250, -21.4085, 6.6433

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.



103.8930, -11.2862, -20.0772



111.5750, 21.4085, -6.6433



109.4590, -22.9043, 19.7685

Square

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



111.5750, 21.4085, -6.6433



112.2500, -8.9972, 39.2458



107.6200, -20.5187, 1.2103



87.9890, 19.7254, -73.6584

Rectangle

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



111.5750, 21.4085, -6.6433



113.7940, 6.0176, 29.9987



107.6200, -20.5187, 1.2103



100.3840, -2.6543, -35.4168

Sweetspot

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



111.5750, 21.4085, -6.6433



183.8670, 8.4466, -2.5144



139.4090, 6.2074, -31.0537



91.3680, 5.2416, -1.1997



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



111.5750, 21.4085, -6.6433



134.8270, 32.6233, -10.3723



116.3920, 19.0337, 8.4262



69.9120, 3.4944, -0.7998



20.6560, 58.8366, -18.1153



2.0690, 5.3890, -1.8145

Inverse Universe

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



119.5910, -6.2074, 31.0537



146.8920, -9.3138, 47.4527



142.6080, -19.0337, -8.4262



71.3920, -1.1793, 4.9182



42.7720, -17.1426, 85.2690



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 111.5750, 21.4085, -6.6433 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 111.5750, 21.4085, -6.6433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

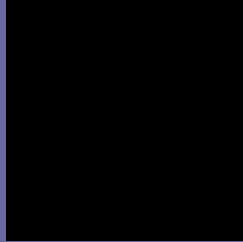
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.5750, 21.4085, -6.6433

Background



This preview shows how black text looks on a background with the YUV color 111.5750, 21.4085, -6.6433.



This preview shows how white text looks on a background with the YUV color 111.5750, 21.4085, -6.6433.

-6.6433.

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

111.5750, 21.4085, -6.6433

Protanopia

110.5850, 22.8826, -12.7910

Deuteranopia

110.2430, 21.5722, -12.4911



Tritanopia

109.2420, 6.2897, -10.7362

Trichromacy



Original Color

111.5750, 21.4085, -6.6433

Protanomaly

110.7810, 22.2930, -10.3319

Deuteranomaly

110.5530, 21.4194, -10.1320

Tritanomaly

110.3330, 11.6678, -9.0620

Monochromacy



Original Color

111.5750, 21.4085, -6.6433

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.7530, 8.0098, -2.4144

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.5750, 21.4085, -6.6433 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(104, 107, 155)` looks like.

```
.text, #text, p{  
    color:rgb(104, 107, 155)  
}
```

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(104, 107, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 107, 155) }
```

Border

The CSS property to change the border of an element to YUV 111.5750, 21.4085, -6.6433 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(104, 107, 155) }
```


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

```
.border{ border-color:rgb(104, 107, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 107, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 107, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 107, 155);  
box-shadow:4px 4px 4px 4px rgb(104, 107,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 111.5750, 21.4085, -6.6433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 107, 155) }
```

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

```
.background{ background-color: rgb(104,  
107, 155) }
```

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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