

Converting Colors

YUV(116.6890, 21.8453,
-6.7433)

Have a look what the booklet for
YUV(116.6890, 21.8453, -6.7433)
contains.

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Color

**YUV(116.6890, 21.8453,
-6.7433)**

Conversions

Conversions Part 1

Format	Color
Hex	6D70A1
RGB	109, 112, 161
RGB Percent	43%, 44%, 63%
CMY	0.5725, 0.5608, 0.3686
CMYK	0.32, 0.30, 0.00, 0.37
HSL	237°, 22%, 53%
HSV	237°, 32%, 63%
XYZ	18.5339, 17.4128, 36.1024
YIQ	116.6890, -17.5170, 14.6030

Conversions

Conversions Part 2

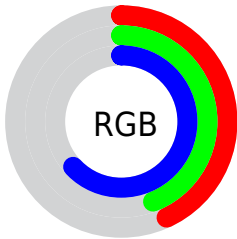
Format	Color
R_{YB}	109, 112, 161
Decimal	7172257
CIE _{Lab}	48.78, 10.74, -26.74
CIE _{LCh}	49, 28.819, 291.872
Yxy	17.4128, 0.2572, 0.2417
Android (android.graphics.Color)	4285362337 (0xFF6D70A1)
YUV	116.6890, 21.8453, -6.7433
Hunter-Lab	41.7286, 6.2562, -22.0860

Details

The YUV color **116.6890, 21.8453, -6.7433** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **153.3110, -21.8453, 6.7433**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.3300, 23.0083, -6.4284**, and **67.6350, 20.3929, -7.5729** is the 20% darker color. If you saturate the color by 10%, you get **103.1000, 28.5447, -8.8577**, and if you desaturate by 10%, it is **130.2780, 15.1459, -4.6288**.

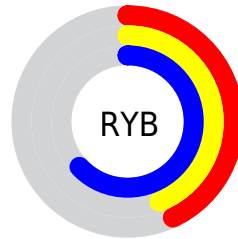
Distribution



Red (43%)

Green (44%)

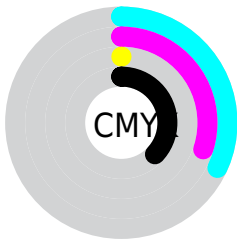
Blue (63%)



Red (43%)

Yellow (44%)

Blue (63%)

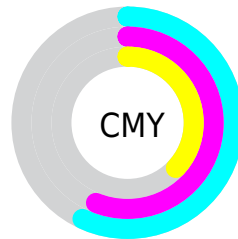


Cyan (32%)

Magenta (30%)

Yellow (0%)

Black (37%)



Cyan (57%)

Magenta (56%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.6890, 21.8453, -6.7433 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 116.6890, 21.8453, -6.7433 by changing the saturation by 10% instead.

■ 116.6890, 21.8453,
-6.7433

■ 116.6890, 21.8453,
-6.7433

■ 255.0000, 0.0000,
0.0000

■ 92.1620, 21.1191,
-7.1581

■ 169.3300, 23.0083,
-6.4284

■ 67.6350, 20.3929,
-7.5729

■ 196.5580, 23.8819,
-6.6284

■ 45.3960, 19.5248,
-9.1173

■ 221.9190, 16.3089,
-4.3140

■ 22.2600, 19.0988,
-12.5060

■ 247.6130, 3.6418,
-1.4146

■ 4.4460, 17.0351,
-3.8991

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 116.6890, 21.8453,
-6.7433

■ 116.6890, 21.8453,
-6.7433

■ 103.1000, 28.5447,
-8.8577

■ 130.2780, 15.1459,
-4.6288

■ 89.5110, 35.2441,
-10.9721

■ 143.8670, 8.4466,
-2.5144

■ 75.3350, 42.2328,
-12.5718

■ 158.0430, 1.4578,
-0.9147

■ 61.7460, 48.9322,
-14.6862

■ 171.6320, -5.2416,
1.1997

■ 48.1570, 55.6316,
-16.8007

■ 185.5200,
-12.0884, 3.9290

■ 34.2690, 62.4784,
-19.5299

■ 199.1090,
-18.7877, 6.0434

■ 23.6370, 67.7200,
-20.7296

■ 212.6980,
-25.4871, 8.1579

■ 226.2870,
-32.1865, 10.2723

■ 240.4630,
-39.1753, 11.8719

Harmonies

Analogous

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



109.4680, 26.8843, -36.3674



116.6890, 21.8453, -6.7433



118.9650, 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.



116.6890, 21.8453, -6.7433



116.2850, -18.8745, 33.9531



103.2950, 2.3196, -44.1087

Complementary

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



116.6890, 21.8453, -6.7433



153.3110, -21.8453, 6.7433

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.



109.3660, -12.0124, -20.4920



116.6890, 21.8453, -6.7433



114.6440, -23.4885, 20.4832

Square

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



116.6890, 21.8453, -6.7433



117.5490, -9.1447, 39.8605



112.5060, -20.9555, 1.3102



95.0710, 18.6990, -71.0993

Rectangle

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



116.6890, 21.8453, -6.7433



119.2070, 6.3069, 30.5135



112.5060, -20.9555, 1.3102



105.9710, -2.9437, -35.9316

Sweetspot

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



116.6890, 21.8453, -6.7433



190.9810, 8.8834, -2.6143



145.1100, 6.3548, -31.6685



94.0690, 5.3890, -1.8145



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



116.6890, 21.8453, -6.7433



139.5820, 34.2231, -10.1574



121.8050, 19.3231, 8.9410



74.6130, 3.6418, -1.4146



21.2260, 61.0206, -18.6152



2.6390, 7.5730, -2.3144

Inverse Universe

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



124.8900, -6.3548, 31.6685



152.6750, -10.1928, 49.3970



148.1950, -19.3231, -8.9410



75.8050, -0.8899, 5.4330



44.2670, -17.8796, 88.3428



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 116.6890, 21.8453, -6.7433 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 116.6890, 21.8453, -6.7433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

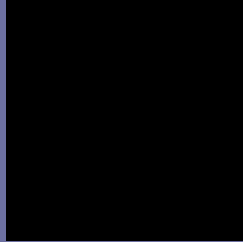
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.6890, 21.8453, -6.7433

Background



This preview shows how black text looks on a background with the YUV color 116.6890, 21.8453, -6.7433.



This preview shows how white text looks on a background with the YUV color 116.6890, 21.8453, -6.7433.

-6.7433.

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

116.6890, 21.8453, -6.7433

Protanopia

115.6990, 23.3194, -12.8910

Deuteranopia

115.3570, 22.0090, -12.5911



Tritanopia

114.3560, 6.7265, -10.8362

Trichromacy



Original Color

116.6890, 21.8453, -6.7433

Protanomaly

115.8950, 22.7298, -10.4319

Deuteranomaly

115.6670, 21.8562, -10.2320

Tritanomaly

115.4470, 12.1046, -9.1620

Monochromacy



Original Color

116.6890, 21.8453, -6.7433

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.7530, 8.0098, -2.4144

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.6890, 21.8453, -6.7433 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(109, 112, 161)` looks like.

```
.text, #text, p{  
    color:rgb(109, 112, 161)  
}
```

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(109, 112, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 112, 161) }
```

Border

The CSS property to change the border of an element to YUV 116.6890, 21.8453, -6.7433 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(109, 112, 161) }
```


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

```
.border{ border-color:rgb(109, 112, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 112, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 112, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 112, 161);  
box-shadow:4px 4px 4px 4px rgb(109, 112,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 116.6890, 21.8453, -6.7433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 112, 161) }
```

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

```
.background{ background-color: rgb(109,  
112, 161) }
```

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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