

Converting Colors

YUV(109.0720, 44.3345,
-33.3891)

Have a look what the booklet for
YUV(109.0720, 44.3345, -33.3891)
contains.

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Color

**YUV(109.0720, 44.3345,
-33.3891)**

Conversions

Conversions Part 1

Format	Color
Hex	476FC7
RGB	71, 111, 199
RGB Percent	28%, 44%, 78%
CMY	0.7216, 0.5647, 0.2196
CMYK	0.64, 0.44, 0.00, 0.22
HSL	221°, 53%, 53%
HSV	221°, 64%, 78%
XYZ	18.5918, 16.8320, 56.3018
YIQ	109.0720, -52.0880, 18.8880

Conversions

Conversions Part 2

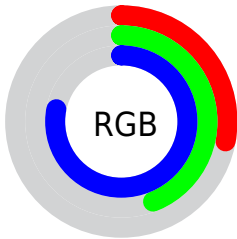
Format	Color
R_{YB}	71, 101, 199
Decimal	4681671
CIE _{Lab}	48.05, 14.18, -50.10
CIE _{LCh}	48, 52.068, 285.800
Yxy	16.8320, 0.2027, 0.1835
Android (android.graphics.Color)	4282871751 (0xFF476FC7)
YUV	109.0720, 44.3345, -33.3891
Hunter-Lab	41.0268, 9.0924, -52.6460

Details

The YUV color **109.0720, 44.3345, -33.3891** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **160.9280, -44.3345, 33.3891**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3330, 45.1918, -28.3560**, and **53.9840, 44.3779, -47.3440** is the 20% darker color. If you saturate the color by 10%, you get **94.8740, 51.3341, -38.4775**, and if you desaturate by 10%, it is **123.2700, 37.3349, -28.3008**.

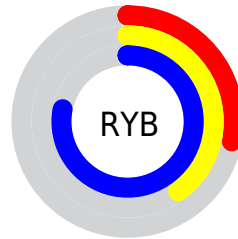
Distribution



Red (28%)

Green (44%)

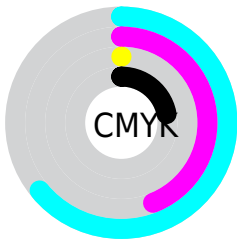
Blue (78%)



Red (28%)

Yellow (40%)

Blue (78%)

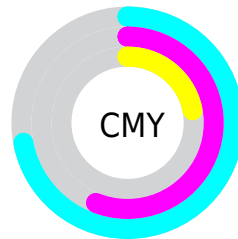


Cyan (64%)

Magenta (44%)

Yellow (0%)

Black (22%)



Cyan (72%)

Magenta (56%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.0720, 44.3345, -33.3891 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 109.0720, 44.3345, -33.3891 by changing the saturation by 10% instead.

■ 109.0720, 44.3345,
-33.3891

■ 109.0720, 44.3345,
-33.3891

■ 255.0000, 0.0000,
0.0000

■ 81.0280, 44.3562,
-40.3666

■ 163.3330, 45.1918,
-28.3560

■ 53.9840, 44.3779,
-47.3440

■ 187.8530, 33.1035,
-24.4271

■ 38.6930, 39.0984,
-33.9338

■ 212.9600, 20.7257,
-21.0129

■ 24.6900, 33.6768,
-21.6531

■ 238.3660, 8.2006,
-16.9840

■ 9.6270, 29.2709,
-8.4429

■ 253.2060, 0.8844,
-3.6887

■ 6.8910, 18.7877,
-6.0434

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 109.0720, 44.3345,
-33.3891

■ 109.0720, 44.3345,
-33.3891

■ 94.8740, 51.3341,
-38.4775

■ 123.2700, 37.3349,
-28.3008

■ 81.2630, 58.0443,
-44.0807

■ 136.8810, 30.6247,
-22.6976

■ 67.0650, 65.0440,
-49.1690

■ 151.0790, 23.6251,
-17.6093

■ 59.0800, 68.9806,
-51.8132

■ 165.2770, 16.6254,
-12.5209

■ 178.8880, 9.9152,
-6.9178

■ 192.7870, 3.0630,
-2.4442

■ 206.9850, -3.9366,
2.6442

■ 220.5960,
-10.6468, 8.2473

■ 234.7940,
-17.6464, 13.3357

Harmonies

Analogous

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



96.0610, 50.7489, -84.2455



109.0720, 44.3345, -33.3891



117.7220, 28.7311, 24.7998

Triad

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



109.0720, 44.3345, -33.3891



110.8280, -29.0022, 62.4178



88.4450, 1.2596, -77.5663

Complementary

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



109.0720, 44.3345, -33.3891



160.9280, -44.3345, 33.3891

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.



99.7330, -25.5044, -33.0918



109.0720, 44.3345, -33.3891



109.0750, -43.9140, 38.5222

Square

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



109.0720, 44.3345, -33.3891



110.5730, -8.6635, 72.2885



105.6490, -44.6900, 7.3238



94.8630, 20.7735, -83.1949

Rectangle

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



109.0720, 44.3345, -33.3891



115.6130, 17.4458, 51.2054



105.6490, -44.6900, 7.3238



86.1480, -5.0030, -75.5518

Sweetspot

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



109.0720, 44.3345, -33.3891



221.2770, 16.6254, -12.5209



156.0540, 0.9594, -74.5924



106.7030, 10.4994, -7.6325



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



109.0720, 44.3345, -33.3891



117.1510, 67.9596, -50.9984



92.4690, 52.5198, 1.3427



92.7870, 3.0630, -2.4442



48.5190, 56.4391, -42.5512



10.5610, 12.5414, -9.2620

Inverse Universe

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



113.8320, -1.3962, 74.6923



124.5580, -2.2471, 114.3976



177.5310, -52.5198, -1.3427



93.0330, -0.0163, 5.2331



54.5510, -1.7506, 95.1098



12.0180, -0.5019, 21.0322

Previews

White Background



This preview shows how the YUV color 109.0720, 44.3345, -33.3891 looks on a white background.

Color Contrast Check

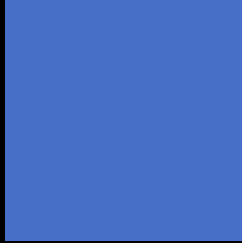
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.0720, 44.3345, -33.3891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

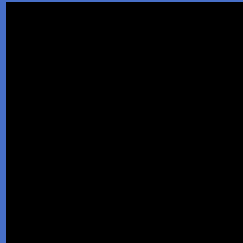
Any Text WCAG AA × Fail

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 109.0720, 44.3345, -33.3891 Background



This preview shows how black text looks on a background with the YUV color 109.0720, 44.3345, -33.3891.



This preview shows how white text looks on a background with the YUV color 109.0720, 44.3345, -33.3891.

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

109.0720, 44.3345, -33.3891

Protanopia

109.9690, 43.8923, -31.5448

Deuteranopia

103.2330, 46.7201, -51.9473



Tritanopia

98.9310, 17.7820, -56.9445

Trichromacy



Original Color

109.0720, 44.3345, -33.3891

Protanomaly

109.6700, 44.0397, -32.1596

Deuteranomaly

105.6360, 45.5355, -45.2848

Tritanomaly

102.5050, 27.3590, -48.6779

Monochromacy



Original Color

109.0720, 44.3345, -33.3891

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1630, 16.1886, -12.4210

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0720, 44.3345, -33.3891 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(71, 111, 199)` looks like.

```
.text, #text, p{  
    color:rgb(71, 111, 199)  
}
```

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(71, 111, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 111, 199) }
```

Border

The CSS property to change the border of an element to YUV 109.0720, 44.3345, -33.3891 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(71, 111, 199) }
```


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

```
.border{ border-color:rgb(71, 111, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 111, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 111, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 111, 199);  
box-shadow:4px 4px 4px 4px rgb(71, 111,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 109.0720, 44.3345, -33.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 111, 199) }
```

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

```
.background{ background-color: rgb(71, 111,  
199) }
```

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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