

Converting Colors

YUV(110.0400, 42.8713,
-30.7301)

Have a look what the booklet for
YUV(110.0400, 42.8713, -30.7301)
contains.

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Color

**YUV(110.0400, 42.8713,
-30.7301)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6FC5
RGB	75, 111, 197
RGB Percent	29%, 44%, 77%
CMY	0.7059, 0.5647, 0.2275
CMYK	0.62, 0.44, 0.00, 0.23
HSL	222°, 51%, 53%
HSV	222°, 62%, 77%
XYZ	18.6641, 16.8960, 55.1009
YIQ	110.0400, -49.0620, 19.1140

Conversions

Conversions Part 2

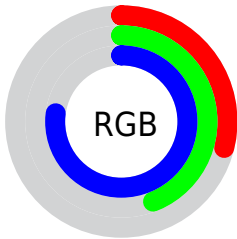
Format	Color
R _Y B	75, 103, 197
Decimal	4943813
CIE Lab	48.13, 14.20, -48.81
CIE LCh	48, 50.836, 286.225
Yxy	16.8960, 0.2059, 0.1864
Android (android.graphics.Color)	4283133893 (0xFF4B6FC5)
YUV	110.0400, 42.8713, -30.7301
Hunter-Lab	41.1047, 9.1171, -50.7050

Details

The YUV color **110.0400, 42.8713, -30.7301** 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 **161.9600, -42.8713, 30.7301**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1160, 44.3128, -26.4117**, and **53.8700, 43.9411, -47.2440** is the 20% darker color. If you saturate the color by 10%, you get **95.8420, 49.8709, -35.8184**, and if you desaturate by 10%, it is **124.2380, 35.8717, -25.6417**.

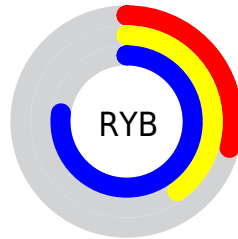
Distribution



Red (29%)

Green (44%)

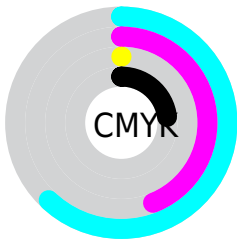
Blue (77%)



Red (29%)

Yellow (40%)

Blue (77%)

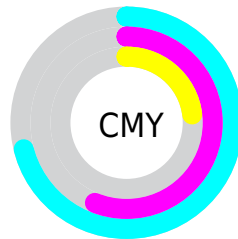


Cyan (62%)

Magenta (44%)

Yellow (0%)

Black (23%)



Cyan (71%)

Magenta (56%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.0400, 42.8713, -30.7301 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 110.0400, 42.8713, -30.7301 by changing the saturation by 10% instead.

■ 110.0400, 42.8713,
-30.7301

■ 110.0400, 42.8713,
-30.7301

■ 255.0000, 0.0000,
0.0000

■ 82.5940, 42.5982,
-36.4779

■ 164.1160, 44.3128,
-26.4117

■ 53.8700, 43.9411,
-47.2440

■ 188.7500, 32.6613,
-22.5828

■ 38.4650, 38.2248,
-33.7338

■ 213.8570, 20.2835,
-19.1686

■ 24.4620, 32.8032,
-21.4532

■ 238.9640, 7.9057,
-15.7544

■ 9.3990, 28.3973,
-8.2429

■ 253.8040, 0.5896,
-2.4591

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 110.0400, 42.8713,
-30.7301

■ 110.0400, 42.8713,
-30.7301

■ 95.8420, 49.8709,
-35.8184

■ 124.2380, 35.8717,
-25.6417

■ 81.9430, 56.7231,
-40.2920

■ 138.1370, 29.0195,
-21.1681

■ 67.7450, 63.7227,
-45.3804

■ 152.3350, 22.0198,
-16.0798

■ 56.5040, 69.2645,
-49.5540

■ 166.5330, 15.0202,
-10.9914

■ 180.1440, 8.3100,
-5.3883

■ 194.0430, 1.4578,
-0.9147

■ 208.2410, -5.5418,
4.1736

■ 222.4390,
-12.5414, 9.2620

■ 236.3380,
-19.3936, 13.7356

Harmonies

Analogous

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



95.9470, 50.3121, -84.1455



110.0400, 42.8713, -30.7301



117.4940, 27.8575, 24.9998

Triad

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



110.0400, 42.8713, -30.7301



111.0450, -28.1232, 60.4735



88.5590, 1.6964, -77.6662

Complementary

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



110.0400, 42.8713, -30.7301



161.9600, -42.8713, 30.7301

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.



100.6730, -24.4888, -32.1622



110.0400, 42.8713, -30.7301



110.0040, -42.8930, 37.7075

Square

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



110.0400, 42.8713, -30.7301



111.4480, -9.0949, 70.6441



106.2190, -42.5060, 6.8239



94.8630, 20.7735, -83.1949

Rectangle

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



110.0400, 42.8713, -30.7301



116.3740, 16.5776, 49.6610



106.2190, -42.5060, 6.8239



86.3760, -4.1294, -75.7518

Sweetspot

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



110.0400, 42.8713, -30.7301



220.6900, 16.9148, -12.0061



156.3040, 1.8221, -71.3036



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.



110.0400, 42.8713, -30.7301



120.4180, 66.3489, -47.7246



96.0840, 49.7516, 2.5573



92.2000, 3.3524, -1.9294



46.7580, 57.3073, -41.0068



10.5610, 12.5414, -9.2620

Inverse Universe

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



115.5820, -2.2589, 71.4036



128.8950, -3.3992, 110.5941



175.9160, -49.7516, -2.5573



92.9190, -0.4531, 5.3330



54.2090, -3.0610, 95.4097



12.0180, -0.5019, 21.0322

Previews

White Background



This preview shows how the YUV color 110.0400, 42.8713, -30.7301 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 110.0400, 42.8713, -30.7301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

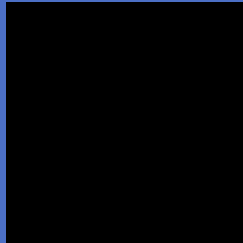
Any Text WCAG AA × Fail

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 110.0400, 42.8713, -30.7301 Background



This preview shows how black text looks on a background with the YUV color 110.0400, 42.8713, -30.7301.



This preview shows how white text looks on a background with the YUV color 110.0400, 42.8713, -30.7301.

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

110.0400, 42.8713, -30.7301

Protanopia

110.0400, 42.8713, -30.7301

Deuteranopia

104.7990, 44.9621, -48.0587



Tritanopia

101.9210, 16.3079, -50.7967

Trichromacy



Original Color

110.0400, 42.8713, -30.7301

Protanomaly

110.0400, 42.8713, -30.7301

Deuteranomaly

106.9030, 43.9248, -42.0109

Tritanomaly

104.8970, 26.1798, -43.7597

Monochromacy



Original Color

110.0400, 42.8713, -30.7301

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.7610, 15.8938, -11.1914

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.0400, 42.8713, -30.7301 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(75, 111, 197)` looks like.

```
.text, #text, p{  
    color:rgb(75, 111, 197)  
}
```

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(75, 111, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 111, 197) }
```

Border

The CSS property to change the border of an element to YUV 110.0400, 42.8713, -30.7301 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(75, 111, 197) }
```


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

```
.border{ border-color:rgb(75, 111, 197) }
```

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

Here you see how a box with a 4 pixel rgb(75, 111, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 111, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 111, 197);  
box-shadow:4px 4px 4px 4px rgb(75, 111,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 110.0400, 42.8713, -30.7301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 111, 197) }
```

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

```
.background{ background-color: rgb(75, 111,  
197) }
```

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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