

Converting Colors

YUV(106.7200, 58.3120,
-36.5884)

Have a look what the booklet for
YUV(106.7200, 58.3120, -36.5884)
contains.

YUV(106.7200, 58.3120, -36.5884)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(106.7200, 58.3120,
-36.5884)**

Conversions

Conversions Part 1

Format	Color
Hex	4169E1
RGB	65, 105, 225
RGB Percent	25%, 41%, 88%
CMY	0.7451, 0.5882, 0.1176
CMYK	0.71, 0.53, 0.00, 0.12
HSL	225°, 73%, 57%
HSV	225°, 71%, 88%
XYZ	20.8222, 16.6632, 73.3530
YIQ	106.7200, -62.3600, 28.8400

Conversions

Conversions Part 2

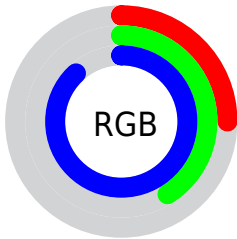
Format	Color
R _{YB}	65, 97, 225
Decimal	4286945
CIE Lab	47.83, 26.27, -65.27
CIE LCh	48, 70.360, 291.927
Yxy	16.6632, 0.1879, 0.1503
Android (android.graphics.Color)	4282477025 (0xFF4169E1)
YUV	106.7200, 58.3120, -36.5884
Hunter-Lab	40.8206, 19.6149, -77.9674

Details

The YUV color **106.7200, 58.3120, -36.5884** is a dark color, and the websafe version is hex **3366CC**, and the color name is **royalblue**. The color can be described as middle muted azure. A complement of this color would be **183.2800, -58.3120, 36.5884**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.8110, 46.9282, -25.2672**, and **53.8990, 56.7448, -47.2694** is the 20% darker color. If you saturate the color by 10%, you get **90.1630, 66.4746, -41.3620**, and if you desaturate by 10%, it is **123.2770, 50.1494, -31.8149**.

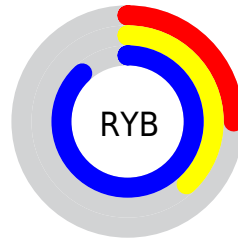
Distribution



Red (25%)

Green (41%)

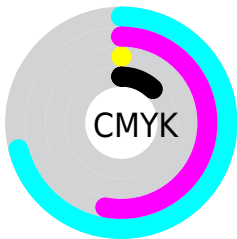
Blue (88%)



Red (25%)

Yellow (38%)

Blue (88%)

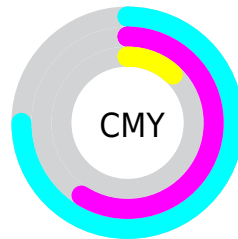


Cyan (71%)

Magenta (53%)

Yellow (0%)

Black (12%)



Cyan (75%)

Magenta (59%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.7200, 58.3120, -36.5884 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 106.7200, 58.3120, -36.5884 by changing the saturation by 10% instead.

■ 106.7200, 58.3120,
-36.5884

■ 106.7200, 58.3120,
-36.5884

255.0000, 0.0000,
0.0000

■ 72.9950, 61.1345,
-55.2466

■ 159.8110, 46.9282,
-25.2672

■ 53.8990, 56.7448,
-47.2694

■ 184.3420, 34.8344,
-19.5939

■ 38.4940, 51.0285,
-33.7592

■ 209.7480, 22.3092,
-15.5650

■ 25.4370, 44.1546,
-22.3082

■ 235.4530, 9.6367,
-10.9213

■ 10.2600, 39.3118,
-8.9980

254.7010, 0.1474,
-0.6148

■ 11.5190, 26.3661,
-10.1022

■ 6.5490, 17.4773,

-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 106.7200, 58.3120,
-36.5884

■ 106.7200, 58.3120,
-36.5884

■ 90.1630, 66.4746,
-41.3620

■ 123.2770, 50.1494,
-31.8149

■ 73.3070, 74.7846,
-46.7502

■ 140.1330, 41.8394,
-26.4266

■ 58.5220, 82.0737,
-51.3238

■ 156.6900, 33.6768,
-21.6531

■ 172.9590, 25.6562,
-15.7500

■ 189.8150, 17.3462,
-10.3618

■ 206.3720, 9.1836,
-5.5882

■ 222.9290, 1.0210,
-0.8147

■ 239.7850, -7.2890,
4.5736

■ 251.5800,
-13.1039, 2.9993

Harmonies

Analogous

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



100.4100, 64.8739, -88.0596



106.7200, 58.3120, -36.5884



114.2160, 36.3755, 46.2916

Triad

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



106.7200, 58.3120, -36.5884



104.4480, -46.0699, 76.7831



91.8360, 1.5599, -80.5402

Complementary

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



106.7200, 58.3120, -36.5884



183.2800, -58.3120, 36.5884

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.



81.4910, -25.3851, -71.4676



106.7200, 58.3120, -36.5884



106.7840, -52.6445, 38.7774

Square

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



106.7200, 58.3120, -36.5884



98.1360, -12.3920, 101.6127



100.9050, -49.7462, -4.3017



99.3770, 27.9151, -87.1536

Rectangle

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



106.7200, 58.3120, -36.5884



105.5920, 22.8791, 81.9188



100.9050, -49.7462, -4.3017



88.8550, -7.3235, -77.9258

Sweetspot

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



106.7200, 58.3120, -36.5884



215.3740, 19.5356, -12.6060



172.6000, 6.1132, -94.3652



104.3440, 11.6624, -7.3177



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.



106.7200, 58.3120, -36.5884



94.4360, 79.1581, -49.4944



95.2000, 63.9914, 8.5946



104.0150, 3.9366, -2.6442



45.8920, 64.1432, -40.2473



12.5160, 17.4936, -10.9765

Inverse Universe

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



117.4000, -6.1132, 94.3652



109.0390, -8.4002, 128.0078



194.8000, -63.9914, -8.5946



104.6310, -0.3111, 6.4626



57.6400, -6.7245, 103.8017



15.7200, -1.8340, 28.3096

Previews

White Background



This preview shows how the YUV color 106.7200, 58.3120, -36.5884 looks on a white background.

Color Contrast Check

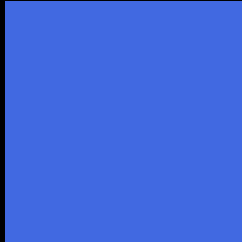
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.7200, 58.3120, -36.5884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

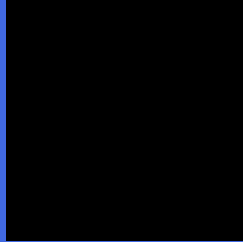
Any Text WCAG AA × Fail

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 106.7200, 58.3120, -36.5884 Background



This preview shows how black text looks on a background with the YUV color 106.7200, 58.3120, -36.5884.



This preview shows how white text looks on a background with the YUV color 106.7200, 58.3120, -36.5884.

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

106.7200, 58.3120, -36.5884

Protanopia

96.6670, 65.2402, -65.4830

Deuteranopia

90.3050, 54.0796, -79.1975



Tritanopia

88.7650, 22.7939, -77.8469

Trichromacy



Original Color

106.7200, 58.3120, -36.5884

Protanomaly

100.7500, 62.7342, -55.0318

Deuteranomaly

96.1590, 55.6306, -63.2834

Tritanomaly

95.5940, 35.6962, -62.7879

Monochromacy



Original Color

106.7200, 58.3120, -36.5884

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8300, 21.2828, -13.0059

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.7200, 58.3120, -36.5884 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(65, 105, 225)` looks like.

```
.text, #text, p{  
    color:rgb(65, 105, 225)  
}
```

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(65, 105, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 105, 225) }
```

Border

The CSS property to change the border of an element to YUV 106.7200, 58.3120, -36.5884 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(65, 105, 225) }
```


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

```
.border{ border-color:rgb(65, 105, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 105, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 105, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 105, 225);  
box-shadow:4px 4px 4px 4px rgb(65, 105,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 106.7200, 58.3120, -36.5884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 105, 225) }
```

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

```
.background{ background-color: rgb(65, 105,  
225) }
```

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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