

Converting Colors

YUV(91.2040, 57.5804,
-35.2589)

Have a look what the booklet for
YUV(91.2040, 57.5804, -35.2589)
contains.

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Color

**YUV(91.2040, 57.5804,
-35.2589)**

Conversions

Conversions Part 1

Format	Color
Hex	3359D0
RGB	51, 89, 208
RGB Percent	20%, 35%, 82%
CMY	0.8000, 0.6510, 0.1843
CMYK	0.75, 0.57, 0.00, 0.18
HSL	225°, 63%, 51%
HSV	225°, 75%, 82%
XYZ	16.3228, 12.4026, 61.2082
YIQ	91.2040, -60.8470, 28.9530

Conversions

Conversions Part 2

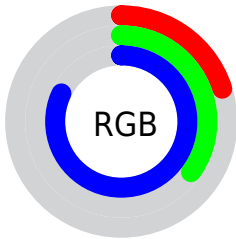
Format	Color
R_{YB}	51, 82, 208
Decimal	3365328
CIE _{Lab}	41.85, 28.57, -65.32
CIE _{LCh}	42, 71.298, 293.625
Yxy	12.4026, 0.1815, 0.1379
Android (android.graphics.Color)	4281555408 (0xFF3359D0)
YUV	91.2040, 57.5804, -35.2589
Hunter-Lab	35.2174, 21.1020, -78.3945

Details

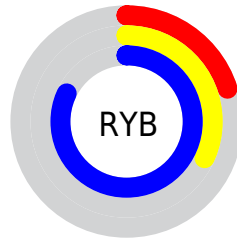
The YUV color **91.2040, 57.5804, -35.2589** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **167.7960, -57.5804, 35.2589**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2440, 53.6167, -23.8930**, and **43.7430, 53.3707, -38.3626** is the 20% darker color. If you saturate the color by 10%, you get **75.5330, 65.3062, -39.9324**, and if you desaturate by 10%, it is **106.8750, 49.8546, -30.5854**.

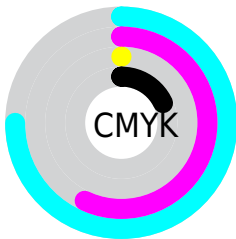
Distribution



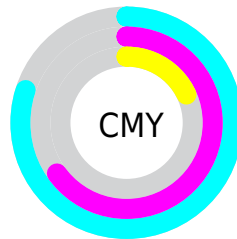
- Red (20%)
- Green (35%)
- Blue (82%)



- Red (20%)
- Yellow (32%)
- Blue (82%)



- Cyan (75%)
- Magenta (57%)
- Yellow (0%)
- Black (18%)



- Cyan (80%)
- Magenta (65%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.2040, 57.5804, -35.2589 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 91.2040, 57.5804, -35.2589 by changing the saturation by 10% instead.

■ 91.2040, 57.5804,
-35.2589

■ 91.2040, 57.5804,
-35.2589

■ 255.0000, 0.0000,
0.0000

■ 59.2620, 59.5238,
-51.9728

■ 146.2440, 53.6167,
-23.8930

■ 43.7430, 53.3707,
-38.3626

■ 170.7750, 41.5229,
-18.2197

■ 29.0390, 47.8018,
-25.4672

■ 195.5940, 29.2872,
-13.6759

■ 11.9870, 43.3904,
-10.5126

■ 220.7120, 16.9040,
-8.5174

■ 13.8330, 30.1553,
-12.1315

■ 246.7050, 4.0894,
-5.0033

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 91.2040, 57.5804,
-35.2589

■ 91.2040, 57.5804,
-35.2589

■ 75.5330, 65.3062,
-39.9324

■ 106.8750, 49.8546,
-30.5854

■ 59.8620, 73.0320,
-44.6060

■ 122.5460, 42.1288,
-25.9118

■ 53.0620, 76.3844,
-46.5354

■ 137.3310, 34.8398,
-21.3383

■ 153.0020, 27.1140,
-16.6648

■ 168.6730, 19.3882,
-11.9912

■ 184.3440, 11.6624,
-7.3177

■ 199.4280, 4.2260,
-2.1294

■ 214.8000, -3.3524,
1.9294

■ 230.4710,
-11.0782, 6.6029

Harmonies

Analogous

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



89.3080, 62.9522, -78.3231



91.2040, 57.5804, -35.2589



96.7220, 35.6331, 51.1098

Triad

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



91.2040, 57.5804, -35.2589



88.7080, -43.7330, 73.9241



81.1900, 1.3853, -71.2036

Complementary

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



91.2040, 57.5804, -35.2589



167.7960, -57.5804, 35.2589

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.



71.0900, -27.1594, -62.3459



91.2040, 57.5804, -35.2589



93.1730, -45.9343, 33.1743

Square

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



91.2040, 57.5804, -35.2589



74.3800, -9.0613, 106.6607



86.7070, -42.7466, -9.3900



88.7310, 27.7406, -77.8171

Rectangle

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



91.2040, 57.5804, -35.2589



81.0430, 25.6148, 91.1703



86.7070, -42.7466, -9.3900



78.2090, -7.4980, -68.5893

Sweetspot

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



91.2040, 57.5804, -35.2589



211.5310, 21.4302, -13.6207



156.6110, 6.1078, -92.6208



100.8000, 13.4096, -7.7176



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.



91.2040, 57.5804, -35.2589



82.3200, 85.1312, -52.0236



80.5590, 62.8284, 8.2798



97.0150, 3.9366, -2.6442



43.2190, 61.5170, -37.9031



10.5440, 15.0148, -9.2471

Inverse Universe

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



102.2750, -6.5446, 92.7208



98.7520, -9.7377, 137.0295



178.4410, -62.8284, -8.2798



97.6310, -0.3111, 6.4626



54.9060, -6.8557, 99.1834



13.3990, -1.6757, 24.2061

Previews

White Background



This preview shows how the YUV color 91.2040, 57.5804, -35.2589 looks on a white background.

Color Contrast Check

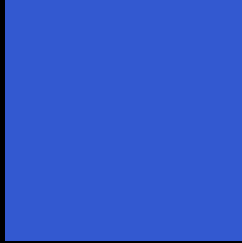
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.2040, 57.5804, -35.2589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

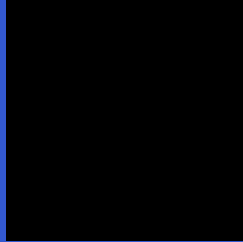
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.2040, 57.5804, -35.2589

Background



This preview shows how black text looks on a background with the YUV color 91.2040, 57.5804, -35.2589.



This preview shows how white text looks on a background with the YUV color 91.2040, 57.5804, -35.2589.

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

91.2040, 57.5804, -35.2589

Deuteranopia

79.0090, 46.3376, -69.2909

Tritanopia

77.2070, 19.1249, -67.7105

Trichromacy



Original Color

91.2040, 57.5804, -35.2589

Deuteranomaly

83.8240, 50.3728, -56.8506

Tritanomaly

82.5410, 32.7643, -55.7255

Monochromacy



Original Color

91.2040, 57.5804, -35.2589

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.8300, 21.2828, -13.0059

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.2040, 57.5804, -35.2589 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(51, 89, 208)` looks like.

```
.text, #text, p{  
    color:rgb(51, 89, 208)  
}
```

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(51, 89, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 89, 208) }
```

Border

The CSS property to change the border of an element to YUV 91.2040, 57.5804, -35.2589 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(51, 89, 208) }
```

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

```
.border{ border-color:rgb(51, 89, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 89, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 89, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 89, 208);  
box-shadow:4px 4px 4px 4px rgb(51, 89,  
208) }
```


Background

The CSS property to change the background color of an element to YUV 91.2040, 57.5804, -35.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 89, 208) }
```

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

```
.background{ background-color: rgb(51, 89,  
208) }
```

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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