

Converting Colors

YUV(92.5800, 53.9441,
-35.5887)

Have a look what the booklet for
YUV(92.5800, 53.9441, -35.5887)
contains.

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Color

**YUV(92.5800, 53.9441,
-35.5887)**

Conversions

Conversions Part 1

Format	Color
Hex	345CCA
RGB	52, 92, 202
RGB Percent	20%, 36%, 79%
CMY	0.7961, 0.6392, 0.2078
CMYK	0.74, 0.54, 0.00, 0.21
HSL	224°, 59%, 50%
HSV	224°, 74%, 79%
XYZ	15.9040, 12.6486, 57.4803
YIQ	92.5800, -59.1500, 25.7300

Conversions

Conversions Part 2

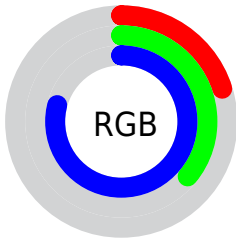
Format	Color
R_{YB}	52, 84, 202
Decimal	3431626
CIE _{Lab}	42.23, 24.54, -61.25
CIE _{LCh}	42, 65.978, 291.833
Yxy	12.6486, 0.1849, 0.1470
Android (android.graphics.Color)	4281621706 (0xFF345CCA)
YUV	92.5800, 53.9441, -35.5887
Hunter-Lab	35.5649, 17.5834, -70.9296

Details

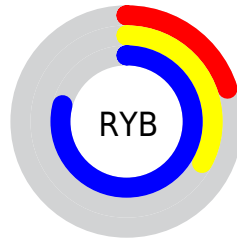
The YUV color **92.5800, 53.9441, -35.5887** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **161.4200, -53.9441, 35.5887**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.0050, 52.7485, -25.4374**, and **44.3470, 50.6079, -38.8923** is the 20% darker color. If you saturate the color by 10%, you get **77.7950, 61.2331, -40.1622**, and if you desaturate by 10%, it is **107.3650, 46.6551, -31.0151**.

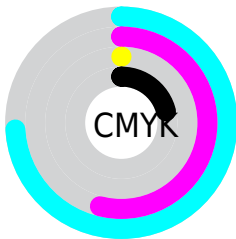
Distribution



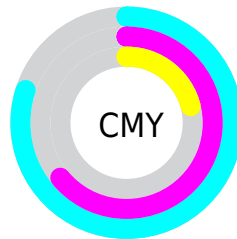
- Red (20%)
- Green (36%)
- Blue (79%)



- Red (20%)
- Yellow (33%)
- Blue (79%)



- Cyan (74%)
- Magenta (54%)
- Yellow (0%)
- Black (21%)



- Cyan (80%)
- Magenta (64%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.5800, 53.9441, -35.5887 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 92.5800, 53.9441, -35.5887 by changing the saturation by 10% instead.

■ 92.5800, 53.9441,
-35.5887

■ 92.5800, 53.9441,
-35.5887

■ 255.0000, 0.0000,
0.0000

■ 60.3390, 56.0349,
-52.9173

■ 148.0050, 52.7485,
-25.4374

■ 44.3470, 50.6079,
-38.8923

■ 172.2370, 40.8022,
-20.3788

■ 30.1160, 44.3128,
-26.4117

■ 197.0560, 28.5664,
-15.8351

■ 12.5910, 40.6276,
-11.0423

■ 222.4620, 16.0412,
-11.8062

■ 12.6760, 28.2607,
-11.1169

■ 247.8680, 3.5161,
-7.7772

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 92.5800, 53.9441,
-35.5887

■ 92.5800, 53.9441,
-35.5887

■ 77.7950, 61.2331,
-40.1622

■ 107.3650, 46.6551,
-31.0151

■ 63.0100, 68.5221,
-44.7358

■ 122.1500, 39.3661,
-26.4415

■ 54.7260, 72.6061,
-47.9947

■ 136.6470, 32.2190,
-20.7384

■ 151.4320, 24.9300,
-16.1649

■ 166.2170, 17.6410,
-11.5913

■ 181.0020, 10.3520,
-7.0178

■ 195.7870, 3.0630,
-2.4442

■ 210.8710, -4.3734,
2.7441

■ 225.0690,
-11.3730, 7.8325

Harmonies

Analogous

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



88.9830, 59.1684, -78.0381



92.5800, 53.9441, -35.5887



100.0970, 33.4762, 42.8879

Triad

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



92.5800, 53.9441, -35.5887



90.3270, -42.5592, 70.7502



80.9620, 0.5117, -71.0037

Complementary

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



92.5800, 53.9441, -35.5887



161.4200, -53.9441, 35.5887

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.



71.7740, -24.5386, -62.9458



92.5800, 53.9441, -35.5887



94.0700, -46.3765, 35.0186

Square

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



92.5800, 53.9441, -35.5887



83.9610, -10.3338, 94.7502



89.0990, -43.9258, -4.4718



88.0470, 25.1198, -77.2172

Rectangle

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



92.5800, 53.9441, -35.5887



91.5050, 21.4430, 75.8561



89.0990, -43.9258, -4.4718



78.2090, -7.4980, -68.5893

Sweetspot

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



92.5800, 53.9441, -35.5887



214.1890, 20.1198, -13.3208



152.5900, 4.6391, -88.2174



103.1590, 12.2466, -8.0324



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.



92.5800, 53.9441, -35.5887



89.6850, 81.5003, -54.0977



79.5650, 60.3605, 6.5205



94.9010, 3.4998, -2.5442



44.7520, 59.7753, -39.2475



10.2020, 13.7044, -8.9472

Inverse Universe

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



101.4100, -4.6391, 88.2174



102.8270, -6.8167, 133.4557



174.4350, -60.3605, -6.5205



95.3320, -0.1637, 5.8478



54.6500, -5.2504, 97.6539



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 92.5800, 53.9441, -35.5887 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 92.5800, 53.9441, -35.5887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

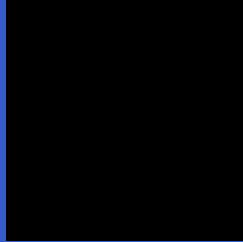
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.5800, 53.9441, -35.5887

Background



This preview shows how black text looks on a background with the YUV color 92.5800, 53.9441, -35.5887.



This preview shows how white text looks on a background with the YUV color 92.5800, 53.9441, -35.5887.

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

92.5800, 53.9441, -35.5887

Protanopia

78.9070, 61.1778, -69.2014

Deuteranopia

79.3510, 47.6480, -69.5908



Tritanopia

78.0220, 19.7092, -68.4253

Trichromacy



Original Color

92.5800, 53.9441, -35.5887

Protanomaly

84.0010, 58.6665, -57.0059

Deuteranomaly

84.2970, 49.6466, -57.2655

Tritanomaly

83.1280, 32.4749, -56.2403

Monochromacy



Original Color

92.5800, 53.9441, -35.5887

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.0750, 19.6830, -13.2208

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.5800, 53.9441, -35.5887 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(52, 92, 202)` looks like.

```
.text, #text, p{  
    color:rgb(52, 92, 202)  
}
```

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(52, 92, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 92, 202) }
```

Border

The CSS property to change the border of an element to YUV 92.5800, 53.9441, -35.5887 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(52, 92, 202) }
```


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

```
.border{ border-color:rgb(52, 92, 202) }
```

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

Here you see how a box with a 4 pixel rgb(52, 92, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 92, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 92, 202);  
box-shadow:4px 4px 4px 4px rgb(52, 92,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 92.5800, 53.9441, -35.5887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 92, 202) }
```

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

```
.background{ background-color: rgb(52, 92,  
202) }
```

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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