

Converting Colors

YUV(93.6800, 35.6538, -2.3504)

Have a look what the booklet for
YUV(93.6800, 35.6538, -2.3504)
contains.

YUV(93.6800, 35.6538, -2.3504)	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(93.6800, 35.6538,
-2.3504)**

Conversions

Conversions Part 1

Format	Color
Hex	5B51A6
RGB	91, 81, 166
RGB Percent	36%, 32%, 65%
CMY	0.6431, 0.6824, 0.3490
CMYK	0.45, 0.51, 0.00, 0.35
HSL	247°, 34%, 48%
HSV	247°, 51%, 65%
XYZ	14.1397, 10.8622, 37.4278
YIQ	93.6800, -21.3250, 28.5550

Conversions

Conversions Part 2

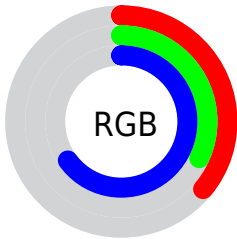
Format	Color
R_{YB}	91, 81, 166
Decimal	5984678
CIE _{Lab}	39.35, 26.37, -44.67
CIE _{LCh}	39, 51.876, 300.550
Yxy	10.8622, 0.2265, 0.1740
Android (android.graphics.Color)	4284174758 (0xFF5B51A6)
YUV	93.6800, 35.6538, -2.3504
Hunter-Lab	32.9578, 18.9049, -44.2608

Details

The YUV color **93.6800, 35.6538, -2.3504** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **153.3200, -35.6538, 2.3504**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.5600, 37.6849, -0.4911**, and **44.7780, 33.6334, -7.6983** is the 20% darker color. If you saturate the color by 10%, you get **79.2160, 42.7845, -2.8204**, and if you desaturate by 10%, it is **108.1440, 28.5230, -1.8803**.

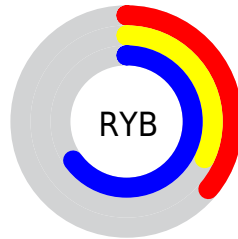
Distribution



Red (36%)

Green (32%)

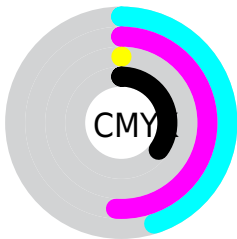
Blue (65%)



Red (36%)

Yellow (32%)

Blue (65%)

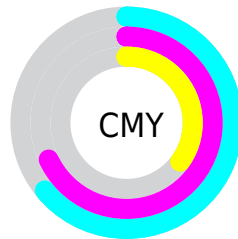


Cyan (45%)

Magenta (51%)

Yellow (0%)

Black (35%)



Cyan (64%)

Magenta (68%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.6800, 35.6538, -2.3504 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 93.6800, 35.6538, -2.3504 by changing the saturation by 10% instead.

■ 93.6800, 35.6538,
-2.3504

■ 93.6800, 35.6538,
-2.3504

■ 255.0000, 0.0000,
0.0000

■ 69.0280, 34.4962,
-4.4096

■ 145.5600, 37.6849,
-0.4911

■ 44.7780, 33.6334,
-7.6983

■ 172.3860, 38.2637,
0.5385

■ 19.4240, 33.8080,
-17.0348

■ 197.4760, 28.3593,
3.9675

■ 7.4100, 28.3919,
-6.4986

■ 221.6970, 16.4184,
7.2817

■ 6.4350, 17.0405,
-5.6435

■ 246.1950, 4.3409,
7.7220

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 93.6800, 35.6538,
-2.3504

■ 93.6800, 35.6538,
-2.3504

■ 79.2160, 42.7845,
-2.8204

■ 108.1440, 28.5230,
-1.8803

■ 65.6380, 49.4785,
-3.1905

■ 121.7220, 21.8291,
-1.5102

■ 51.1740, 56.6092,
-3.6606

■ 136.1860, 14.6983,
-1.0401

■ 37.2970, 63.4506,
-4.6455

■ 150.0630, 7.8569,
-0.0553

■ 24.9040, 69.5603,
-4.3008

■ 164.2280, 0.8736,
-0.2000

■ 178.6920, -6.2572,
0.2701

■ 192.5690,
-13.0985, 1.2550

■ 206.7340,
-20.0819, 1.1103

■ 220.6110,
-26.9232, 2.0952

Harmonies

Analogous

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



77.8180, 49.3897, -68.2464



93.6800, 35.6538, -2.3504



93.3670, 20.5251, 43.5281

Triad

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



93.6800, 35.6538, -2.3504



87.9760, -36.9632, 49.1330



76.2320, 7.7736, -66.8555

Complementary

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



93.6800, 35.6538, -2.3504



153.3200, -35.6538, 2.3504

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.



69.4550, -10.5773, -60.9120



93.6800, 35.6538, -2.3504



86.6060, -42.6968, 21.3935

Square

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



93.6800, 35.6538, -2.3504



87.2490, -17.3778, 67.3106



80.7330, -38.8154, -10.2898



80.5470, 26.8453, -70.6397

Rectangle

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



93.6800, 35.6538, -2.3504



89.2140, 9.2615, 62.9563



80.7330, -38.8154, -10.2898



73.9350, 1.5110, -64.8410

Sweetspot

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



93.6800, 35.6538, -2.3504



188.9580, 13.8247, -0.8402



134.7150, 15.4235, -47.1081



92.8780, 8.4411, -0.7700



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



93.6800, 35.6538, -2.3504



104.5330, 55.4462, -3.9754



106.2380, 29.4627, 23.4703



77.2110, 3.3470, -0.1850



21.9550, 62.1402, -4.3455



2.8780, 8.4411, -0.7700

Inverse Universe

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



114.9650, 20.2303, 44.7577



137.6920, 31.2108, 69.5531



140.7620, -29.4627, -23.4703



79.1900, 1.8783, 4.2184



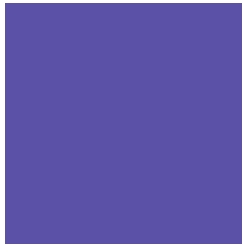
59.0720, 34.9675, 77.9899



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 93.6800, 35.6538, -2.3504 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 93.6800, 35.6538, -2.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

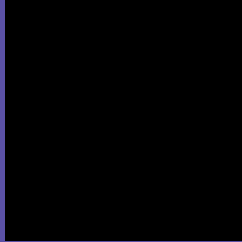
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.6800, 35.6538, -2.3504

Background



This preview shows how black text looks on a background with the YUV color 93.6800, 35.6538, -2.3504.



This preview shows how white text looks on a background with the YUV color 93.6800, 35.6538,

-2.3504.

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

93.6800, 35.6538, -2.3504

Protanopia

86.5340, 43.6137, -35.5483

Deuteranopia

83.0290, 39.4257, -45.6294



Tritanopia

90.3340, 6.7373, -14.3249

Trichromacy



Original Color

93.6800, 35.6538, -2.3504

Protanomaly

89.2150, 40.8130, -23.8676

Deuteranomaly

86.7860, 38.0665, -29.6303

Tritanomaly

91.8150, 17.3462, -10.3618

Monochromacy



Original Color

93.6800, 35.6538, -2.3504

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.7300, 12.9511, -0.6402

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.6800, 35.6538, -2.3504 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(91, 81, 166)` looks like.

```
.text, #text, p{  
    color:rgb(91, 81, 166)  
}
```

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(91, 81, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 81, 166) }
```

Border

The CSS property to change the border of an element to YUV 93.6800, 35.6538, -2.3504 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(91, 81, 166) }
```


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

```
.border{ border-color:rgb(91, 81, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 81, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 81, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 81, 166);  
box-shadow:4px 4px 4px 4px rgb(91, 81,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 93.6800, 35.6538, -2.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 81, 166) }
```

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

```
.background{ background-color: rgb(91, 81,  
166) }
```

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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