

Converting Colors

YUV(94.6200, 36.6693, -1.4207)

Have a look what the booklet for
YUV(94.6200, 36.6693, -1.4207)
contains.

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Color

**YUV(94.6200, 36.6693,
-1.4207)**

Conversions

Conversions Part 1

Format	Color
Hex	5D51A9
RGB	93, 81, 169
RGB Percent	36%, 32%, 66%
CMY	0.6353, 0.6824, 0.3373
CMYK	0.45, 0.52, 0.00, 0.34
HSL	248°, 35%, 49%
HSV	248°, 52%, 66%
XYZ	14.6181, 11.0766, 38.9037
YIQ	94.6200, -21.0960, 29.9120

Conversions

Conversions Part 2

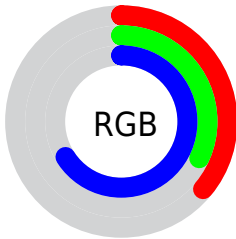
Format	Color
R_{YB}	93, 81, 169
Decimal	6115753
CIE _{Lab}	39.71, 27.76, -45.87
CIE _{LCh}	40, 53.616, 301.185
Yxy	11.0766, 0.2263, 0.1715
Android (android.graphics.Color)	4284305833 (0xFF5D51A9)
YUV	94.6200, 36.6693, -1.4207
Hunter-Lab	33.2815, 20.1590, -46.0086

Details

The YUV color **94.6200, 36.6693, -1.4207** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **155.3800, -36.6693, 1.4207**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.7990, 38.5531, 1.0533**, and **45.4190, 34.7964, -7.3835** is the 20% darker color. If you saturate the color by 10%, you get **80.1560, 43.8001, -1.8908**, and if you desaturate by 10%, it is **109.0840, 29.5386, -0.9507**.

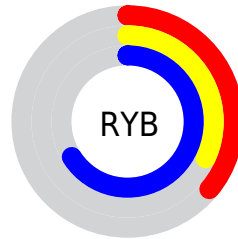
Distribution



Red (36%)

Green (32%)

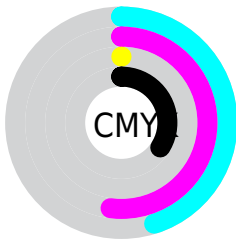
Blue (66%)



Red (36%)

Yellow (32%)

Blue (66%)

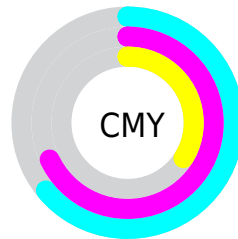


Cyan (45%)

Magenta (52%)

Yellow (0%)

Black (34%)



Cyan (64%)

Magenta (68%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.6200, 36.6693, -1.4207 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 94.6200, 36.6693, -1.4207 by changing the saturation by 10% instead.

■ 94.6200, 36.6693,
-1.4207

■ 94.6200, 36.6693,
-1.4207

■ 255.0000, 0.0000,
0.0000

■ 69.9680, 35.5118,
-3.4799

■ 146.7990, 38.5531,
1.0533

■ 45.4190, 34.7964,
-7.3835

■ 173.4400, 39.7161,
1.3681

■ 19.1790, 35.4078,
-16.8200

■ 198.0740, 28.0645,
5.1971

■ 7.6380, 29.2655,
-6.6985

■ 222.5940, 15.9762,
9.1261

■ 6.7770, 18.3509,
-5.9434

■ 246.1950, 4.3409,
7.7220

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 94.6200, 36.6693,
-1.4207

■ 94.6200, 36.6693,
-1.4207

■ 80.1560, 43.8001,
-1.8908

■ 109.0840, 29.5386,
-0.9507

■ 65.9910, 50.7834,
-1.7461

■ 123.2490, 22.5552,
-1.0954

■ 51.5270, 57.9142,
-2.2162

■ 137.7130, 15.4245,
-0.6253

■ 37.3620, 64.8975,
-2.0715

■ 151.8780, 8.4411,
-0.7700

■ 26.1430, 70.4285,
-2.7564

■ 165.7550, 1.5998,
0.2149

■ 180.2190, -5.5310,
0.6849

■ 194.3840,
-12.5143, 0.5402

■ 208.8480,
-19.6451, 1.0103

■ 223.0130,
-26.6284, 0.8656

Harmonies

Analogous

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



78.2740, 51.1369, -68.6463



94.6200, 36.6693, -1.4207



94.0900, 20.6616, 46.4021

Triad

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



94.6200, 36.6693, -1.4207



88.5910, -39.7314, 50.3477



77.0470, 8.3578, -67.5702

Complementary

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



94.6200, 36.6693, -1.4207



155.3800, -36.6693, 1.4207

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.



70.1560, -10.4299, -61.5268



94.6200, 36.6693, -1.4207



87.4920, -43.1336, 21.4935

Square

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



94.6200, 36.6693, -1.4207



87.4450, -17.9674, 69.7697



81.3800, -40.1203, -11.7343



82.0630, 27.5769, -71.9693

Rectangle

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



94.6200, 36.6693, -1.4207



88.9370, 9.3981, 65.8303



81.3800, -40.1203, -11.7343



74.7500, 2.0953, -65.5558

Sweetspot

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



94.6200, 36.6693, -1.4207



189.4850, 14.5509, -0.4253



135.6440, 16.4445, -47.9228



92.2910, 8.7305, -0.2552



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.



94.6200, 36.6693, -1.4207



104.1850, 56.6038, -1.9162



107.7760, 30.1834, 25.6294



77.2110, 3.3470, -0.1850



22.8520, 61.6980, -2.5012



3.1770, 8.2937, -0.1552

Inverse Universe

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



115.9760, 20.2248, 46.5020



137.1160, 31.4948, 71.8123



142.2240, -30.1834, -25.6294



79.1900, 1.8783, 4.2184



58.8440, 34.0939, 78.1898



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 94.6200, 36.6693, -1.4207 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 94.6200, 36.6693, -1.4207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

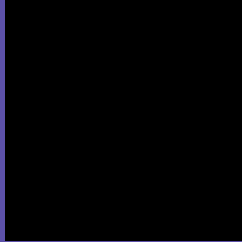
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.6200, 36.6693, -1.4207

Background



This preview shows how black text looks on a background with the YUV color 94.6200, 36.6693, -1.4207.



This preview shows how white text looks on a background with the YUV color 94.6200, 36.6693,

-1.4207.

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

94.6200, 36.6693, -1.4207

Protanopia

86.6800, 45.5138, -38.3074

Deuteranopia

82.7620, 41.0363, -48.9033



Tritanopia

91.6330, 6.5899, -13.7101

Trichromacy



Original Color

94.6200, 36.6693, -1.4207

Protanomaly

89.2580, 42.2708, -24.7823

Deuteranomaly

87.1170, 39.3823, -31.6746

Tritanomaly

92.5270, 17.4882, -9.2322

Monochromacy



Original Color

94.6200, 36.6693, -1.4207

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8440, 13.3879, -0.7402

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.6200, 36.6693, -1.4207 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(93, 81, 169)` looks like.

```
.text, #text, p{  
    color:rgb(93, 81, 169)  
}
```

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(93, 81, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 81, 169) }
```

Border

The CSS property to change the border of an element to YUV 94.6200, 36.6693, -1.4207 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(93, 81, 169) }
```


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

```
.border{ border-color:rgb(93, 81, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 81, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 81, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 81, 169);  
box-shadow:4px 4px 4px 4px rgb(93, 81,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 94.6200, 36.6693, -1.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 81, 169) }
```

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

```
.background{ background-color: rgb(93, 81,  
169) }
```

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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