

Converting Colors

YUV(93.4210, 11.6244, 4.8928)

Have a look what the booklet for
YUV(93.4210, 11.6244, 4.8928)
contains.

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Color

**YUV(93.4210, 11.6244,
4.8928)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 635675 |
| RGB | 99, 86, 117 |
| RGB Percent | 39%, 34%, 46% |
| CMY | 0.6118, 0.6627, 0.5412 |
| CMYK | 0.15, 0.26, 0.00, 0.54 |
| HSL | 265°, 15%, 40% |
| HSV | 265°, 26%, 46% |
| XYZ | 11.6843, 10.5926, 18.2584 |
| YIQ | 93.4210, -2.2030, 12.3970 |

Conversions

Conversions Part 2

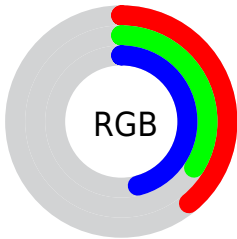
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 99, 86, 117 |
| Decimal | 6510197 |
| CIE _{Lab} | 38.89, 12.04, -15.66 |
| CIE _{LCh} | 39, 19.750, 307.551 |
| Yxy | 10.5926, 0.2882, 0.2613 |
| Android (android.graphics.Color) | 4284700277 (0xFF635675) |
| YUV | 93.4210, 11.6244, 4.8928 |
| Hunter-Lab | 32.5462, 7.1265, -10.4792 |

Details

The YUV color **93.4210, 11.6244, 4.8928** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **109.5790, -11.6244, -4.8928**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.9480, 12.3506, 5.3076**, and **47.4810, 10.6089, 3.9632** is the 20% darker color. If you saturate the color by 10%, you get **84.2840, 16.1290, 6.7669**, and if you desaturate by 10%, it is **102.5580, 7.1199, 3.0186**.

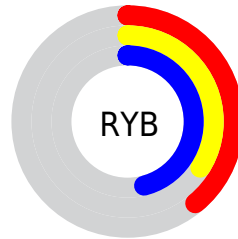
Distribution



Red (39%)

Green (34%)

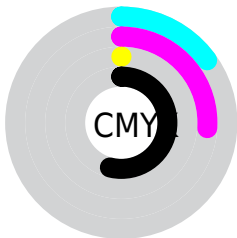
Blue (46%)



Red (39%)

Yellow (34%)

Blue (46%)

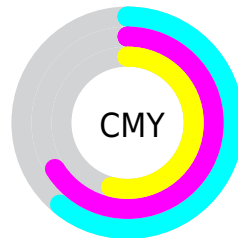


Cyan (15%)

Magenta (26%)

Yellow (0%)

Black (54%)



Cyan (61%)

Magenta (66%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.4210, 11.6244, 4.8928 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 93.4210, 11.6244, 4.8928 by changing the saturation by 10% instead.

■ 93.4210, 11.6244,
4.8928

■ 93.4210, 11.6244,
4.8928

■ 255.0000, 0.0000,
0.0000

■ 69.8940, 10.8983,
4.4780

■ 143.9480, 12.3506,
5.3076

■ 47.4810, 10.6089,
3.9632

■ 170.3610, 12.6400,
5.8224

■ 25.9540, 9.8827,
3.5483

■ 197.4750, 13.0768,
5.7224

■ 3.8610, 10.9145,
-0.7551

■ 225.8880, 13.3662,
6.2372

■ 0.0000, 0.0000,
0.0000

■ 249.1300, 2.8939,
5.1480

■ 93.4210, 11.6244,
4.8928

■ 93.4210, 11.6244,
4.8928

■ 84.2840, 16.1290,
6.7669

■ 102.5580, 7.1199,
3.0186

■ 75.7340, 20.3441,
8.1263

■ 111.1080, 2.9048,
1.6593

■ 66.8960, 24.7013,
10.6152

■ 119.9460, -1.4524,
-0.8296

■ 57.7590, 29.2058,
12.4894

■ 129.0830, -5.9569,
-2.7038

■ 49.2090, 33.4210,
13.8487

■ 138.2200,
-10.4615, -4.5779

■ 40.0720, 37.9255,
15.7229

■ 146.7700,
-14.6766, -5.9373

■ 30.9350, 42.4300,
17.5970


■ 155.9070,
-19.1812, -7.8114

■ 27.9890, 43.8824,

■ 164.7450,

18.4266

-23.5383, -10.3004

 173.2950,
-27.7534, -11.6597

Harmonies

Analogous

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



90.7500, 15.8993, -12.9358



93.4210, 11.6244, 4.8928



93.7880, 5.0345, 18.6029

Triad

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



93.4210, 11.6244, 4.8928



91.3370, -14.4631, 18.9985



82.9850, 5.9234, -33.3128

Complementary

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



93.4210, 11.6244, 4.8928



109.5790, -11.6244, -4.8928

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.



85.6570, -3.2819, -20.7472



93.4210, 11.6244, 4.8928



90.4450, -15.0094, 7.5027

Square

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



93.4210, 11.6244, 4.8928



92.9340, -9.8275, 25.4909



88.0950, -10.8928, -6.2223



83.0150, 13.7966, -38.6012

Rectangle

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



93.4210, 11.6244, 4.8928



94.1540, -0.0759, 24.4209



88.0950, -10.8928, -6.2223



83.9100, 3.0024, -29.7391

Sweetspot

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



93.4210, 11.6244, 4.8928



143.8630, 4.5045, 1.8741



100.1000, 8.3317, -12.3657



70.8090, 3.0522, 1.0445



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



93.4210, 11.6244, 4.8928



115.8650, 18.3076, 8.0114



97.9060, 9.4133, 14.1144



54.2820, 2.3260, 0.6297



29.1570, 45.7716, 19.1563



59.8950, 93.7218, 39.5571

Inverse Universe

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



97.3210, 3.2927, 17.2585



121.8430, 5.0074, 27.3247



105.0940, -9.4133, -14.1144



55.1360, 0.4260, 3.3887



44.5720, 13.0290, 67.9044



91.2800, 26.4840, 139.1974

Previews

White Background



This preview shows how the YUV color 93.4210, 11.6244, 4.8928 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 93.4210, 11.6244, 4.8928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

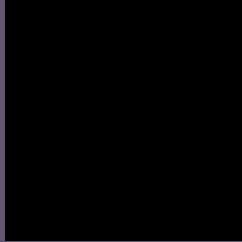
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.4210, 11.6244, 4.8928

Background



This preview shows how black text looks on a background with the YUV color 93.4210, 11.6244, 4.8928.



This preview shows how white text looks on a background with the YUV color 93.4210, 11.6244,

4.8928.

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

93.4210, 11.6244, 4.8928

Protanopia

92.2130, 13.6990, -7.2028

Deuteranopia

92.3660, 11.6516, -3.8290



Tritanopia

92.5920, 2.1731, 2.9888

Trichromacy



Original Color

93.4210, 11.6244, 4.8928

Protanomaly

92.4200, 13.1039, -2.9993

Deuteranomaly

92.9750, 11.3513, -0.8551

Tritanomaly

93.1020, 5.3727, 3.4185

Monochromacy



Original Color

93.4210, 11.6244, 4.8928

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.8630, 4.5045, 1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4210, 11.6244, 4.8928 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(99, 86, 117)` looks like.

```
.text, #text, p{  
    color:rgb(99, 86, 117)  
}
```

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(99, 86, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 86, 117) }
```

Border

The CSS property to change the border of an element to YUV 93.4210, 11.6244, 4.8928 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(99, 86, 117) }
```


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

```
.border{ border-color:rgb(99, 86, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 86, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 86, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 86, 117);  
box-shadow:4px 4px 4px 4px rgb(99, 86,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 93.4210, 11.6244, 4.8928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 86, 117) }
```

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

```
.background{ background-color: rgb(99, 86,  
117) }
```

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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