

Converting Colors

YUV(63.3290, 11.1768, 8.4815)

Have a look what the booklet for
YUV(63.3290, 11.1768, 8.4815)
contains.

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Color

**YUV(63.3290, 11.1768,
8.4815)**

Conversions

Conversions Part 1

Format	Color
Hex	493656
RGB	73, 54, 86
RGB Percent	29%, 21%, 34%
CMY	0.7137, 0.7882, 0.6627
CMYK	0.15, 0.37, 0.00, 0.66
HSL	276°, 23%, 27%
HSV	276°, 37%, 34%
XYZ	5.7465, 4.7267, 9.4136
YIQ	63.3290, 1.0520, 13.9800

Conversions

Conversions Part 2

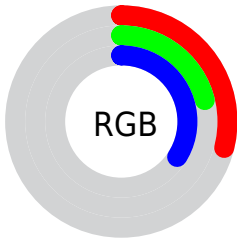
Format	Color
R_YB	73, 54, 86
Decimal	4798038
CIE Lab	25.94, 15.46, -16.12
CIE LCh	26, 22.337, 313.798
Yxy	4.7267, 0.2890, 0.2377
Android (android.graphics.Color)	4282988118 (0xFF493656)
YUV	63.3290, 11.1768, 8.4815
Hunter-Lab	21.7409, 9.1342, -10.4532

Details

The YUV color **63.3290, 11.1768, 8.4815** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **76.6710, -11.1768, -8.4815**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.2690, 12.1924, 9.4111**, and **19.8020, 10.4506, 8.0666** is the 20% darker color. If you saturate the color by 10%, you get **57.1490, 14.2235, 11.2703**, and if you desaturate by 10%, it is **69.5090, 8.1301, 5.6926**.

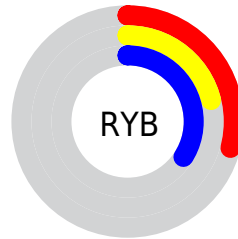
Distribution



Red (29%)

Green (21%)

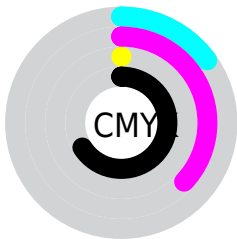
Blue (34%)



Red (29%)

Yellow (21%)

Blue (34%)

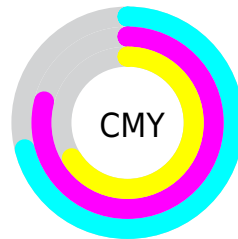


Cyan (15%)

Magenta (37%)

Yellow (0%)

Black (66%)



Cyan (71%)

Magenta (79%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.3290, 11.1768, 8.4815 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 63.3290, 11.1768, 8.4815 by changing the saturation by 10% instead.

■ 63.3290, 11.1768,
8.4815

■ 63.3290, 11.1768,
8.4815

■ 255.0000, 0.0000,
0.0000

■ 40.9160, 10.8874,
7.9667

■ 111.2690, 12.1924,
9.4111

■ 19.8020, 10.4506,
8.0666

■ 136.6820, 12.4818,
9.9259

■ 2.7530, 8.0098,
-2.4144

■ 163.0950, 12.7712,
10.4407

■ 0.0000, 0.0000,
0.0000

■ 190.2090, 13.2080,
10.3407

■ 218.0350, 13.7867,
11.3703

■ 243.2600, 5.7878,

10.2960

■ 63.3290, 11.1768,
8.4815

■ 63.3290, 11.1768,
8.4815

■ 57.1490, 14.2235,
11.2703

■ 69.5090, 8.1301,
5.6926

■ 51.2570, 17.1283,
12.9296

■ 75.4010, 5.2253,
4.0333

■ 45.0770, 20.1750,
15.7185

■ 81.5810, 2.1786,
1.2445

■ 39.1850, 23.0798,
17.3778

■ 87.4730, -0.7262,
-0.4148

■ 33.0050, 26.1265,
20.1666

■ 93.6530, -3.7729,
-3.2037

■ 26.5260, 29.3207,
22.3407

■ 100.1320, -6.9671,
-5.3778

■ 25.0530, 30.0469,
22.7555

■ 105.7250, -9.7244,
-7.6518

■ 112.2040,
-12.9186, -9.8259

■ 117.7970,
-15.6759, -12.1000

Harmonies

Analogous

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



60.2880, 16.6200, -10.7766



63.3290, 11.1768, 8.4815



63.1690, 3.8607, 21.7768

Triad

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



63.3290, 11.1768, 8.4815



60.6850, -15.6207, 16.9393



48.9560, 9.8817, -42.9344

Complementary

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



63.3290, 11.1768, 8.4815



76.6710, -11.1768, -8.4815

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.



53.1830, -1.0762, -28.2245



63.3290, 11.1768, 8.4815



59.3090, -15.4353, 4.1140

Square

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



63.3290, 11.1768, 8.4815



61.2930, -10.9904, 25.1760



56.8880, -10.2978, -10.4258



50.0790, 16.7231, -43.9193

Rectangle

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



63.3290, 11.1768, 8.4815



62.2360, -1.1023, 26.9800



56.8880, -10.2978, -10.4258



48.2720, 7.2609, -42.3345

Sweetspot

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



63.3290, 11.1768, 8.4815



103.4610, 4.2097, 3.1037



65.2790, 10.2155, -9.8917



50.9940, 2.4680, 1.7593



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



63.3290, 11.1768, 8.4815



76.6700, 17.4177, 13.4444



66.8740, 7.9501, 16.7735



40.3530, 1.3050, 1.4444



31.3340, 37.3033, 28.6481



68.3510, 82.1580, 61.9592

Inverse Universe

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



65.0500, 0.9614, 18.3732



79.2300, 1.3656, 28.7393



73.1260, -7.9501, -16.7735



40.4240, 0.2840, 2.2592



37.0090, 3.4466, 61.3821



81.0950, 6.8552, 134.9747

Previews

White Background



This preview shows how the YUV color 63.3290, 11.1768, 8.4815 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 ✓ Pass

Black Background



This preview shows how the YUV color 63.3290, 11.1768, 8.4815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

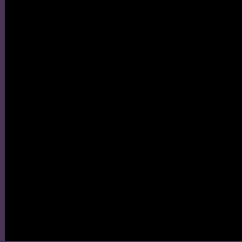
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.3290, 11.1768, 8.4815

Background



This preview shows how black text looks on a background with the YUV color 63.3290, 11.1768, 8.4815.



This preview shows how white text looks on a background with the YUV color 63.3290, 11.1768,

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

63.3290, 11.1768, 8.4815

Protanopia

61.4300, 14.5780, -9.1471

Deuteranopia

61.6430, 11.5150, -6.7029



Tritanopia

62.4460, 0.2731, 5.7479

Trichromacy



Original Color

63.3290, 11.1768, 8.4815

Protanomaly

61.8330, 13.3933, -2.4845

Deuteranomaly

61.9750, 11.3513, -0.8551

Tritanomaly

62.4830, 4.1989, 6.5924

Monochromacy



Original Color

63.3290, 11.1768, 8.4815

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.3470, 3.7729, 3.2037

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.3290, 11.1768, 8.4815 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(73, 54, 86)` looks like.

```
.text, #text, p{  
    color:rgb(73, 54, 86)  
}
```

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(73, 54, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 54, 86) }
```

Border

The CSS property to change the border of an element to YUV 63.3290, 11.1768, 8.4815 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(73, 54, 86) }
```


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

```
.border{ border-color:rgb(73, 54, 86) }
```

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

Here you see how a box with a 4 pixel rgb(73, 54, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 54, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 54, 86);  
box-shadow:4px 4px 4px 4px rgb(73, 54, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.3290, 11.1768, 8.4815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 54, 86) }
```

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

```
.background{ background-color: rgb(73, 54,  
86) }
```

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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