

Converting Colors

YUV(90.4490, 5.6946, -6.5328)

Have a look what the booklet for
YUV(90.4490, 5.6946, -6.5328)
contains.

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Color

**YUV(90.4490, 5.6946,
-6.5328)**

Conversions

Conversions Part 1

Format	Color
Hex	535C66
RGB	83, 92, 102
RGB Percent	33%, 36%, 40%
CMY	0.6745, 0.6392, 0.6000
CMYK	0.19, 0.10, 0.00, 0.60
HSL	212°, 10%, 36%
HSV	212°, 19%, 40%
XYZ	9.7927, 10.4526, 14.0718
YIQ	90.4490, -8.5740, 1.2020

Conversions

Conversions Part 2

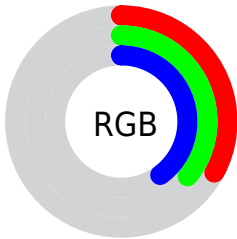
Format	Color
R_{YB}	83, 89, 102
Decimal	5463142
CIE Lab	38.64, -1.13, -6.91
CIE LCh	39, 6.998, 260.715
Yxy	10.4526, 0.2854, 0.3046
Android (android.graphics.Color)	4283653222 (0xFF535C66)
YUV	90.4490, 5.6946, -6.5328
Hunter-Lab	32.3305, -2.5118, -3.1745

Details

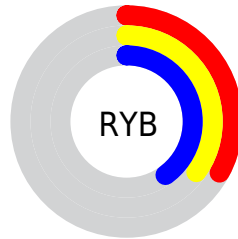
The YUV color **90.4490, 5.6946, -6.5328** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94.5510, -5.6946, 6.5328**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5630, 6.1314, -6.6328**, and **44.6340, 5.1104, -5.8180** is the 20% darker color. If you saturate the color by 10%, you get **84.5240, 8.6157, -10.1065**, and if you desaturate by 10%, it is **96.3740, 2.7736, -2.9590**.

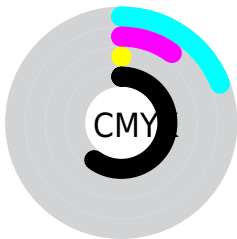
Distribution



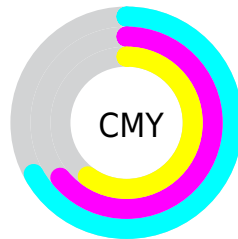
- Red (33%)
- Green (36%)
- Blue (40%)



- Red (33%)
- Yellow (35%)
- Blue (40%)



- Cyan (19%)
- Magenta (10%)
- Yellow (0%)
- Black (60%)



- Cyan (67%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.4490, 5.6946, -6.5328 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 90.4490, 5.6946, -6.5328 by changing the saturation by 10% instead.

■ 90.4490, 5.6946,
-6.5328

■ 90.4490, 5.6946,
-6.5328

■ 255.0000, 0.0000,
0.0000

■ 67.3350, 5.2578,
-6.4328

■ 140.5630, 6.1314,
-6.6328

■ 44.6340, 5.1104,
-5.8180

■ 167.2640, 6.2788,
-7.2475

■ 24.2210, 4.8210,
-6.3328

■ 194.2640, 6.2788,
-7.2475

■ 1.2540, 4.8048,
-1.0998

■ 222.2640, 6.2788,
-7.2475

■ 0.0000, 0.0000,
0.0000

■ 249.3520, 2.7845,
-6.4477

■ 90.4490, 5.6946,
-6.5328

■ 90.4490, 5.6946,
-6.5328

■ 84.5240, 8.6157,
-10.1065

■ 96.3740, 2.7736,
-2.9590

■ 78.0120, 11.8261,
-13.1655

■ 102.8860, -0.4368,
0.1000

■ 71.7880, 14.8945,
-17.3541

■ 109.1100, -3.5052,
4.2885

■ 65.8630, 17.8155,
-20.9279

■ 115.0350, -6.4263,
7.8623

■ 59.3510, 21.0260,
-23.9868

■ 121.5470, -9.6367,
10.9213

■ 53.4260, 23.9470,
-27.5606

■ 127.4720,
-12.5577, 14.4951

■ 46.9140, 27.1574,
-30.6196

■ 133.9840,
-15.7681, 17.5540

■ 40.6900, 30.2258,

■ 140.2080,

-34.8081

-18.8365, 21.7426

■ 39.8040, 30.6626,
-34.9081

■ 146.1330,
-21.7576, 25.3164

Harmonies

Analogous

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



89.9000, 4.9793, -10.4363



90.4490, 5.6946, -6.5328



91.3680, 5.2416, -1.1997

Triad

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



90.4490, 5.6946, -6.5328



91.7840, -2.3585, 9.8364



89.5820, -2.7519, -4.0184

Complementary

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



90.4490, 5.6946, -6.5328



94.5510, -5.6946, 6.5328

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.



90.3330, -5.0942, 0.5850



90.4490, 5.6946, -6.5328



91.5020, -4.6845, 9.2067

Square

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



90.4490, 5.6946, -6.5328



92.1690, 0.4097, 8.6218



90.9530, -5.3998, 5.3032



88.9450, 0.0271, -8.7218

Rectangle

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



90.4490, 5.6946, -6.5328



92.0480, 3.9203, 2.5889



90.9530, -5.3998, 5.3032



89.9520, -3.9203, -2.5889

Sweetspot

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



90.4490, 5.6946, -6.5328



127.6730, 2.6262, -2.3442



95.2930, -1.1304, -10.7810



63.6300, 1.1684, -1.4295



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



90.4490, 5.6946, -6.5328



114.6380, 9.0525, -10.2065



85.1660, 8.2992, -1.8996



47.7440, 1.6052, -1.5295



44.8080, 34.6047, -39.2966



95.0930, 72.4252, -83.3966

Inverse Universe

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



89.7070, 1.1304, 10.7810



113.5660, 1.6930, 17.0436



99.8340, -8.2992, 1.8996



47.7230, 0.1366, 2.8739



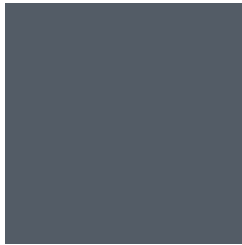
40.5410, 6.6353, 65.3005



85.4680, 14.5593, 137.2786

Previews

White Background



This preview shows how the YUV color 90.4490, 5.6946, -6.5328 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 90.4490, 5.6946, -6.5328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

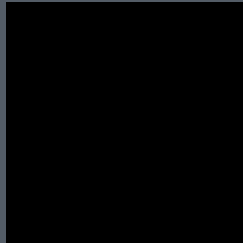
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

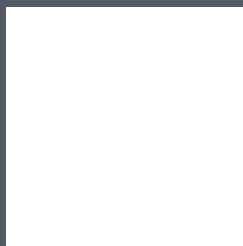
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 90.4490, 5.6946, -6.5328

Background



This preview shows how black text looks on a background with the YUV color 90.4490, 5.6946, -6.5328.



This preview shows how white text looks on a background with the YUV color 90.4490, 5.6946, -6.5328.

-6.5328.

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

90.4490, 5.6946, -6.5328

Protanopia

91.2540, 4.8048, -1.0998

Deuteranopia

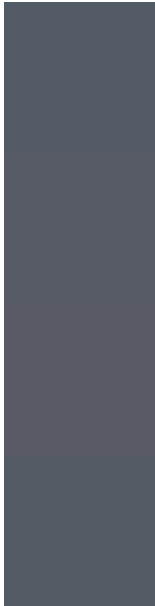
92.0910, 5.3781, 1.6742



Tritanopia

90.2210, 4.8210, -6.3328

Trichromacy



Original Color

90.4490, 5.6946, -6.5328

Protanomaly

90.9440, 4.9576, -3.4589

Deuteranomaly

91.4820, 5.6784, -1.2997

Tritanomaly

90.3350, 5.2578, -6.4328

Monochromacy



Original Color

90.4490, 5.6946, -6.5328

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1460, 1.9000, -2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.4490, 5.6946, -6.5328 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(83, 92, 102)` looks like.

```
.text, #text, p{  
    color:rgb(83, 92, 102)  
}
```

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(83, 92, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 92, 102) }
```

Border

The CSS property to change the border of an element to YUV 90.4490, 5.6946, -6.5328 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(83, 92, 102) }
```


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

```
.border{ border-color:rgb(83, 92, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 92, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 92, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 92, 102);  
box-shadow:4px 4px 4px 4px rgb(83, 92,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 90.4490, 5.6946, -6.5328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 92, 102) }
```

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

```
.background{ background-color: rgb(83, 92,  
102) }
```

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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