

Converting Colors

YUV(90.1700, -4.5208, 3.3589)

Have a look what the booklet for
YUV(90.1700, -4.5208, 3.3589)
contains.

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Color

**YUV(90.1700, -4.5208,
3.3589)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5A51
RGB	94, 90, 81
RGB Percent	37%, 35%, 32%
CMY	0.6314, 0.6471, 0.6824
CMYK	0.00, 0.04, 0.14, 0.63
HSL	42°, 7%, 34%
HSV	42°, 14%, 37%
XYZ	9.7575, 10.2861, 9.2557
YIQ	90.1700, 5.2730, -1.9510

Conversions

Conversions Part 2

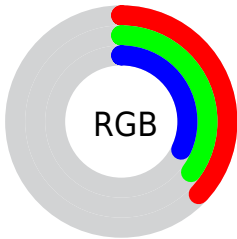
Format	Color
R_YB	87, 94, 81
Decimal	6183505
CIE Lab	38.35, -0.15, 5.77
CIE LCh	38, 5.772, 91.521
Yxy	10.2861, 0.3330, 0.3511
Android (android.graphics.Color)	4284373585 (0xFF5E5A51)
YUV	90.1700, -4.5208, 3.3589
Hunter-Lab	32.0719, -1.8196, 5.3397

Details

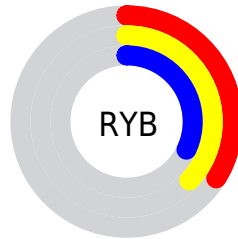
The YUV color **90.1700, -4.5208, 3.3589** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **84.8300, 4.5208, -3.3589**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0560, -4.9576, 3.4589**, and **44.8710, -4.3734, 2.7441** is the 20% darker color. If you saturate the color by 10%, you get **87.3830, -7.5838, 5.8031**, and if you desaturate by 10%, it is **92.9570, -1.4578, 0.9147**.

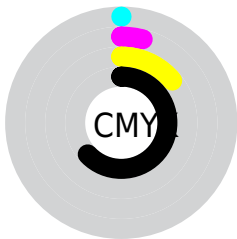
Distribution



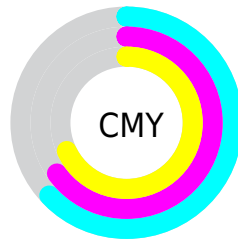
- Red (37%)
- Green (35%)
- Blue (32%)



- Red (34%)
- Yellow (37%)
- Blue (32%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (63%)



- Cyan (63%)
- Magenta (65%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.1700, -4.5208, 3.3589 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 90.1700, -4.5208, 3.3589 by changing the saturation by 10% instead.

■ 90.1700, -4.5208,
3.3589

■ 90.1700, -4.5208,
3.3589

255.0000, 0.0000,
0.0000

■ 66.8710, -4.3734,
2.7441

■ 140.0560, -4.9576,
3.4589

■ 44.8710, -4.3734,
2.7441

■ 166.3550, -5.1050,
4.0737

■ 23.8710, -4.3734,
2.7441

■ 193.3550, -5.1050,
4.0737

■ 0.0000, 0.0000,
0.0000

■ 221.3550, -5.1050,
4.0737

■ 250.2410, -5.5418,
4.1736

■ 90.1700, -4.5208,
3.3589

■ 90.1700, -4.5208,
3.3589

■ 87.3830, -7.5838,
5.8031

■ 92.9570, -1.4578,
0.9147

■ 84.4820, -11.0836,
8.3473

■ 95.8580, 2.0420,
-1.6295

■ 81.6950, -14.1466,
10.7915

■ 98.6450, 5.1050,
-4.0737

■ 78.7940, -17.6464,
13.3357

■ 101.5460, 8.6048,
-6.6178

■ 76.5940, -20.9988,
15.2651

■ 103.7460, 11.9572,
-8.5472

■ 73.8070, -24.0619,
17.7093

■ 106.5330, 15.0202,
-10.9914

■ 70.9060, -27.5617,
20.2534

■ 109.4340, 18.5200,
-13.5356

■ 68.1190, -30.6247,

■ 112.2210, 21.5830,

22.6976

-15.9798

■ 66.2610, -32.6667,
24.3271

■ 115.1220, 25.0829,
-18.5240

Harmonies

Analogous

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



90.8930, -4.3842, 6.2328



90.1700, -4.5208, 3.3589



89.3760, -3.6364, -0.3298

Triad

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



90.1700, -4.5208, 3.3589



89.0420, 2.9373, -8.8068



91.4890, 1.7309, 4.8331

Complementary

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



90.1700, -4.5208, 3.3589



84.8300, 4.5208, -3.3589

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.



90.9230, 3.4890, 0.9445



90.1700, -4.5208, 3.3589



89.3950, 4.2423, -7.3624

Square

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



90.1700, -4.5208, 3.3589



88.7710, 0.6059, -7.6922



90.4170, 4.2314, -3.8737



91.2290, -0.6059, 7.6922

Rectangle

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



90.1700, -4.5208, 3.3589



88.9950, -2.4625, -3.5036



90.4170, 4.2314, -3.8737



91.0050, 2.4625, 3.5036

Sweetspot

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



90.1700, -4.5208, 3.3589



120.9570, -1.4578, 0.9147



85.3430, -0.1691, 7.5922



60.0710, -1.0210, 0.8147



189.0000, 0.0000, 0.0000



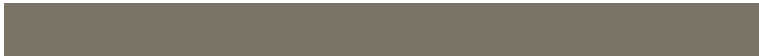
61.0000, 0.0000, 0.0000

Same Dimension

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



90.1700, -4.5208, 3.3589



116.1980, -6.9996, 5.0884



91.9200, -5.3836, 0.0702



44.2560, -1.6052, 1.5295



77.5020, -38.2085, 28.5007



167.1310, -82.3956, 61.2751

Inverse Universe

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



84.8300, 4.5208, -3.3589



107.8020, 6.9996, -5.0884



83.0800, 5.3836, -0.0702



42.7440, 1.6052, -1.5295



32.4980, 38.2085, -28.5007



69.8690, 82.3956, -61.2751

Previews

White Background



This preview shows how the YUV color 90.1700, -4.5208, 3.3589 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 90.1700, -4.5208, 3.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

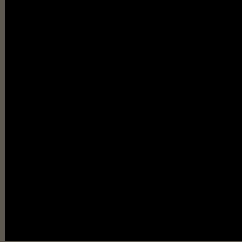
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.1700, -4.5208, 3.3589

Background



This preview shows how black text looks on a background with the YUV color 90.1700, -4.5208, 3.3589.



This preview shows how white text looks on a background with the YUV color 90.1700, -4.5208,

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

90.1700, -4.5208, 3.3589

Protanopia

90.1700, -4.5208, 3.3589

Deuteranopia

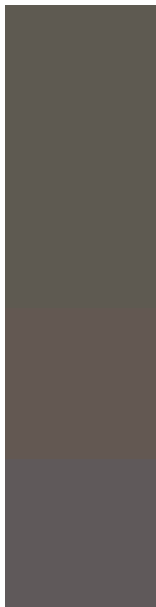
90.9150, -4.3951, 9.7215



Tritanopia

91.1900, 1.8783, 4.2184

Trichromacy



Original Color

90.1700, -4.5208, 3.3589

Protanomaly

90.1700, -4.5208, 3.3589

Deuteranomaly

90.6050, -4.2423, 7.3624

Tritanomaly

90.9080, -0.4476, 3.5887

Monochromacy



Original Color

90.1700, -4.5208, 3.3589

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1700, -4.5208, 3.3589 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(94, 90, 81)` looks like.

```
.text, #text, p{  
    color:rgb(94, 90, 81)  
}
```

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(94, 90, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 90, 81) }
```

Border

The CSS property to change the border of an element to YUV 90.1700, -4.5208, 3.3589 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(94, 90, 81) }
```


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

```
.border{ border-color:rgb(94, 90, 81) }
```

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

Here you see how a box with a 4 pixel rgb(94, 90, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 90, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 90, 81);  
box-shadow:4px 4px 4px 4px rgb(94, 90, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 90.1700, -4.5208, 3.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 90, 81) }
```

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

```
.background{ background-color: rgb(94, 90,  
81) }
```

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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