

Converting Colors

YUV(89.5150, 2.2111, -9.2217)

Have a look what the booklet for
YUV(89.5150, 2.2111, -9.2217)
contains.

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Color

**YUV(89.5150, 2.2111,
-9.2217)**

Conversions

Conversions Part 1

Format	Color
Hex	4F5E5E
RGB	79, 94, 94
RGB Percent	31%, 37%, 37%
CMY	0.6902, 0.6314, 0.6314
CMYK	0.16, 0.00, 0.00, 0.63
HSL	180°, 9%, 34%
HSV	180°, 16%, 37%
XYZ	9.2475, 10.4758, 12.1243
YIQ	89.5150, -8.9400, -3.1800

Conversions

Conversions Part 2

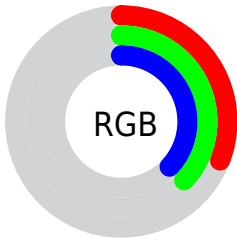
Format	Color
R_YB	79, 87, 94
Decimal	5201502
CIE Lab	38.68, -5.74, -1.94
CIE LCh	39, 6.055, 198.667
Yxy	10.4758, 0.2904, 0.3289
Android (android.graphics.Color)	4283391582 (0xFF4F5E5E)
YUV	89.5150, 2.2111, -9.2217
Hunter-Lab	32.3664, -5.6412, 0.4467

Details

The YUV color **89.5150, 2.2111, -9.2217** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **83.4850, -2.2111, 9.2217**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2160, 2.3585, -9.8364**, and **43.8140, 2.0637, -8.6069** is the 20% darker color. If you saturate the color by 10%, you get **86.8240, 3.5378, -14.7546**, and if you desaturate by 10%, it is **92.2060, 0.8844, -3.6887**.

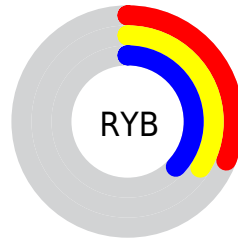
Distribution



Red (31%)

Green (37%)

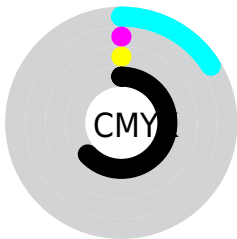
Blue (37%)



Red (31%)

Yellow (34%)

Blue (37%)

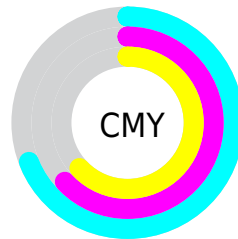


Cyan (16%)

Magenta (0%)

Yellow (0%)

Black (63%)



Cyan (69%)

Magenta (63%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5150, 2.2111, -9.2217 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 89.5150, 2.2111, -9.2217 by changing the saturation by 10% instead.

■ 89.5150, 2.2111,
-9.2217

■ 89.5150, 2.2111,
-9.2217

■ 255.0000, 0.0000,
0.0000

■ 65.8140, 2.0637,
-8.6069

■ 139.2160, 2.3585,
-9.8364

■ 43.8140, 2.0637,
-8.6069

■ 165.9170, 2.5059,
-10.4512

■ 23.1130, 1.9163,
-7.9921

■ 192.9170, 2.5059,
-10.4512

■ 0.0000, 0.0000,
0.0000

■ 220.9170, 2.5059,
-10.4512

■ 249.6180, 2.6533,
-11.0660

■ 89.5150, 2.2111,
-9.2217

■ 89.5150, 2.2111,
-9.2217

■ 86.8240, 3.5378,
-14.7546

■ 92.2060, 0.8844,
-3.6887

■ 83.8340, 5.0118,
-20.9024

■ 95.1960, -0.5896,
2.4591

■ 81.1430, 6.3385,
-26.4354

■ 97.8870, -1.9163,
7.9921

■ 78.1530, 7.8126,
-32.5832

■ 100.8770, -3.3904,
14.1399

■ 75.4620, 9.1392,
-38.1162

■ 103.5680, -4.7170,
19.6729

■ 72.7710, 10.4659,
-43.6492

■ 106.2590, -6.0437,
25.2059

■ 69.7810, 11.9400,
-49.7969

■ 109.2490, -7.5178,
31.3536

■ 67.0900, 13.2666,

■ 111.9400, -8.8444,

-55.3299

36.8866

■ 65.8940, 13.8563,
-57.7890

■ 114.9300,
-10.3185, 43.0344

Harmonies

Analogous

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



89.5430, -0.2677, -7.4922



89.5150, 2.2111, -9.2217



89.6830, 4.1003, -8.4920

Triad

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



89.5150, 2.2111, -9.2217



92.1190, 2.8993, 3.4036



91.1810, -4.5262, 5.1033

Complementary

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



89.5150, 2.2111, -9.2217



83.4850, -2.2111, 9.2217

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.



92.0180, -3.9529, 7.8772



89.5150, 2.2111, -9.2217



92.1580, 0.4151, 6.8774

Square

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



89.5150, 2.2111, -9.2217



91.1400, 4.3680, -0.9998



92.1860, -2.0637, 8.6069



90.8600, -4.3680, 0.9998

Rectangle

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



89.5150, 2.2111, -9.2217



90.5090, 4.6791, -7.4624



92.1860, -2.0637, 8.6069



91.7790, -4.8210, 6.3328

Sweetspot

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



89.5150, 2.2111, -9.2217



120.2060, 0.8844, -3.6887



87.8050, -4.3409, -7.7220



60.1030, 0.4422, -1.8443



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.



89.5150, 2.2111, -9.2217



115.1230, 3.3904, -14.1399



85.4060, 4.2368, -5.6181



44.5050, 0.7370, -3.0739



77.1100, 16.2148, -67.6255



166.1370, 34.9355, -145.7021

Inverse Universe

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



85.1950, 4.3409, 7.7220



108.4990, 6.6560, 11.8404



88.1810, -4.5262, 5.1033



43.0650, 1.4470, 2.5740



45.4300, 31.8330, 56.6279



97.8810, 68.5857, 122.0074

Previews

White Background



This preview shows how the YUV color 89.5150, 2.2111, -9.2217 looks on a white background.

Color Contrast Check

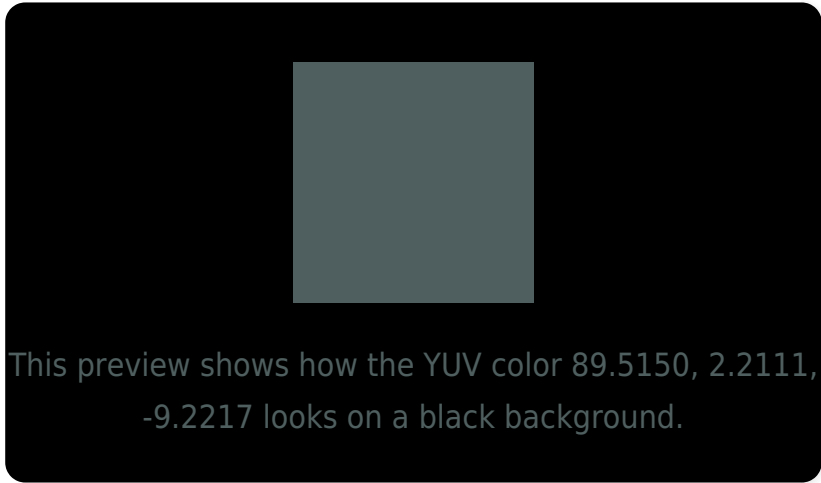
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

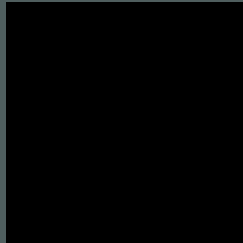
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.5150, 2.2111, -9.2217

Background



This preview shows how black text looks on a background with the YUV color 89.5150, 2.2111, -9.2217.



This preview shows how white text looks on a background with the YUV color 89.5150, 2.2111, -9.2217.

-9.2217.

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

89.5150, 2.2111, -9.2217

Protanopia

90.8260, 0.5788, 1.0296

Deuteranopia

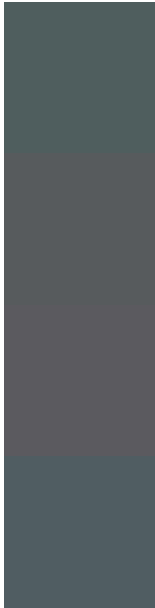
91.7880, 1.5835, 5.4479



Tritanopia

89.9110, 4.9739, -8.6919

Trichromacy



Original Color

89.5150, 2.2111, -9.2217

Protanomaly

90.0320, 1.4632, -2.6591

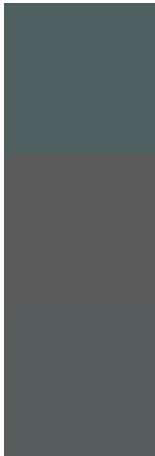
Deuteranomaly

90.8690, 2.0366, 0.1149

Tritanomaly

89.6830, 4.1003, -8.4920

Monochromacy



Original Color

89.5150, 2.2111, -9.2217

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.5050, 0.7370, -3.0739

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5150, 2.2111, -9.2217 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(79, 94, 94)` looks like.

```
.text, #text, p{  
    color:rgb(79, 94, 94)  
}
```

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(79, 94, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 94, 94) }
```

Border

The CSS property to change the border of an element to YUV 89.5150, 2.2111, -9.2217 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(79, 94, 94) }
```


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

```
.border{ border-color:rgb(79, 94, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 94, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 94, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 94, 94);  
box-shadow:4px 4px 4px 4px rgb(79, 94, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.5150, 2.2111, -9.2217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 94, 94) }
```

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

```
.background{ background-color: rgb(79, 94,  
94) }
```

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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