

Converting Colors

YUV(87.9170, 2.5059, -10.4512)

Have a look what the booklet for
YUV(87.9170, 2.5059, -10.4512)
contains.

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Color

**YUV(87.9170, 2.5059,
-10.4512)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5D5D
RGB	76, 93, 93
RGB Percent	30%, 36%, 36%
CMY	0.7020, 0.6353, 0.6353
CMYK	0.18, 0.00, 0.00, 0.64
HSL	180°, 10%, 33%
HSV	180°, 18%, 36%
XYZ	8.8706, 10.1555, 11.8486
YIQ	87.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

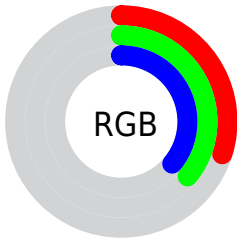
Format	Color
R_{YB}	76, 85, 93
Decimal	5004637
CIE Lab	38.12, -6.48, -2.17
CIE LCh	38, 6.832, 198.553
Yxy	10.1555, 0.2873, 0.3289
Android (android.graphics.Color)	4283194717 (0xFF4C5D5D)
YUV	87.9170, 2.5059, -10.4512
Hunter-Lab	31.8677, -6.0817, 0.2630

Details

The YUV color **87.9170, 2.5059, -10.4512** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **81.0830, -2.5059, 10.4512**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.6180, 2.6533, -11.0660**, and **42.2160, 2.3585, -9.8364** is the 20% darker color. If you saturate the color by 10%, you get **85.2260, 3.8326, -15.9842**, and if you desaturate by 10%, it is **90.6080, 1.1793, -4.9182**.

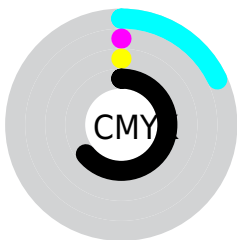
Distribution



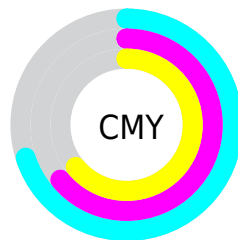
- Red (30%)
- Green (36%)
- Blue (36%)



- Red (30%)
- Yellow (33%)
- Blue (36%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (64%)



- Cyan (70%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.9170, 2.5059, -10.4512 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 87.9170, 2.5059, -10.4512 by changing the saturation by 10% instead.

■ 87.9170, 2.5059,
-10.4512

■ 87.9170, 2.5059,
-10.4512

■ 255.0000, 0.0000,
0.0000

■ 64.2160, 2.3585,
-9.8364

■ 137.6180, 2.6533,
-11.0660

■ 42.2160, 2.3585,
-9.8364

■ 164.3190, 2.8007,
-11.6808

■ 21.2160, 2.3585,
-9.8364

■ 191.3190, 2.8007,
-11.6808

■ 0.0000, 0.0000,
0.0000

■ 219.0200, 2.9481,
-12.2955

■ 248.0200, 2.9481,
-12.2955

■ 87.9170, 2.5059,
-10.4512

■ 87.9170, 2.5059,
-10.4512

■ 85.2260, 3.8326,
-15.9842

■ 90.6080, 1.1793,
-4.9182

■ 82.2360, 5.3067,
-22.1320

■ 93.5980, -0.2948,
1.2296

■ 79.5450, 6.6333,
-27.6650

■ 96.2890, -1.6215,
6.7625

■ 76.8540, 7.9600,
-33.1980

■ 98.9800, -2.9481,
12.2955

■ 73.8640, 9.4340,
-39.3457

■ 101.6710, -4.2748,
17.8285

■ 71.1730, 10.7607,
-44.8787

■ 104.6610, -5.7489,
23.9763

■ 68.4820, 12.0874,
-50.4117

■ 107.3520, -7.0755,
29.5093

■ 65.7910, 13.4140,

■ 110.0430, -8.4022,

-55.9447

35.0423

■ 65.1930, 13.7089,
-57.1743

■ 113.0330, -9.8763,
41.1901

Harmonies

Analogous

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



88.1300, -0.5571, -8.0070



87.9170, 2.5059, -10.4512



88.1990, 4.8319, -9.8215

Triad

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



87.9170, 2.5059, -10.4512



90.5320, 3.1887, 3.9184



89.9530, -5.3998, 5.3032

Complementary

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



87.9170, 2.5059, -10.4512



81.0830, -2.5059, 10.4512

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.



90.3170, -4.1003, 8.4920



87.9170, 2.5059, -10.4512



90.8700, 0.5571, 8.0070

Square

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



87.9170, 2.5059, -10.4512



89.9550, 4.9522, -1.7145



90.7840, -2.3585, 9.8364



89.0450, -4.9522, 1.7145

Rectangle

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



87.9170, 2.5059, -10.4512



88.7370, 5.5527, -7.6623



90.7840, -2.3585, 9.8364



90.0780, -4.9685, 6.9476

Sweetspot

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



87.9170, 2.5059, -10.4512



118.2060, 0.8844, -3.6887



85.9790, -4.9196, -8.7516



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.



87.9170, 2.5059, -10.4512



111.9270, 3.9800, -16.5990



83.2210, 4.8210, -6.3328



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.



83.0210, 4.9196, 8.7516



104.1510, 7.8136, 13.8996



86.3660, -5.1104, 5.8180



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 87.9170, 2.5059, -10.4512 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 87.9170, 2.5059, -10.4512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

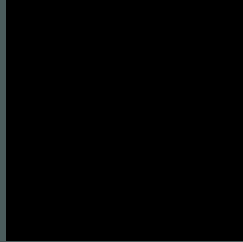
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.9170, 2.5059, -10.4512

Background



This preview shows how black text looks on a background with the YUV color 87.9170, 2.5059, -10.4512.



This preview shows how white text looks on a background with the YUV color 87.9170, 2.5059, -10.4512.

-10.4512.

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

87.9170, 2.5059, -10.4512

Protanopia

89.8260, 0.5788, 1.0296

Deuteranopia

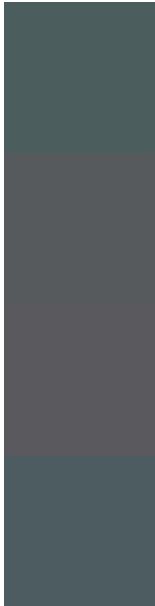
90.4890, 1.7309, 4.8331



Tritanopia

88.3130, 5.2687, -9.9215

Trichromacy



Original Color

87.9170, 2.5059, -10.4512

Protanomaly

89.0320, 1.4632, -2.6591

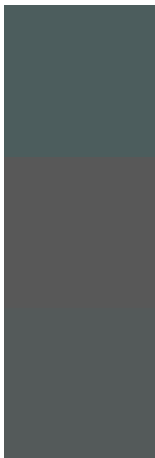
Deuteranomaly

89.5700, 2.1840, -0.4999

Tritanomaly

88.0850, 4.3951, -9.7215

Monochromacy



Original Color

87.9170, 2.5059, -10.4512

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2060, 0.8844, -3.6887

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.9170, 2.5059, -10.4512 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(76, 93, 93)` looks like.

```
.text, #text, p{  
  color:rgb(76, 93, 93)  
}
```

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(76, 93, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 93, 93) }
```

Border

The CSS property to change the border of an element to YUV 87.9170, 2.5059, -10.4512 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(76, 93, 93) }
```


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

```
.border{ border-color:rgb(76, 93, 93) }
```

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

Here you see how a box with a 4 pixel rgb(76, 93, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 93, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 93, 93);  
box-shadow:4px 4px 4px 4px rgb(76, 93, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.9170, 2.5059, -10.4512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 93, 93) }
```

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

```
.background{ background-color: rgb(76, 93,  
93) }
```

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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