

Converting Colors

YUV(86.7210, 3.0955, -12.9103)

Have a look what the booklet for
YUV(86.7210, 3.0955, -12.9103)
contains.

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Color

**YUV(86.7210, 3.0955,
-12.9103)**

Conversions

Conversions Part 1

Format	Color
Hex	485D5D
RGB	72, 93, 93
RGB Percent	28%, 36%, 36%
CMY	0.7176, 0.6353, 0.6353
CMYK	0.23, 0.00, 0.00, 0.64
HSL	180°, 13%, 32%
HSV	180°, 23%, 36%
XYZ	8.5626, 9.9967, 11.8342
YIQ	86.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

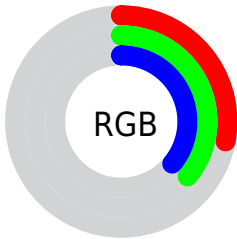
Format	Color
R_{YB}	72, 83, 93
Decimal	4742493
CIE Lab	37.84, -7.91, -2.62
CIE LCh	38, 8.335, 198.351
Yxy	9.9967, 0.2817, 0.3289
Android (android.graphics.Color)	4282932573 (0xFF485D5D)
YUV	86.7210, 3.0955, -12.9103
Hunter-Lab	31.6176, -6.9898, -0.0594

Details

The YUV color **86.7210, 3.0955, -12.9103** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **78.2790, -3.0955, 12.9103**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4220, 3.2430, -13.5251**, and **41.0200, 2.9481, -12.2955** is the 20% darker color. If you saturate the color by 10%, you get **84.0300, 4.4222, -18.4433**, and if you desaturate by 10%, it is **89.4120, 1.7689, -7.3773**.

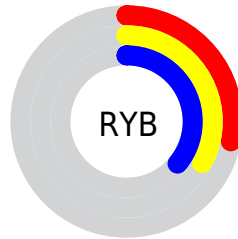
Distribution



Red (28%)

Green (36%)

Blue (36%)



Red (28%)

Yellow (33%)

Blue (36%)

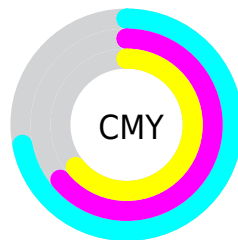


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (64%)



Cyan (72%)

Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.7210, 3.0955, -12.9103 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 86.7210, 3.0955, -12.9103 by changing the saturation by 10% instead.

■ 86.7210, 3.0955,
-12.9103

■ 86.7210, 3.0955,
-12.9103

■ 255.0000, 0.0000,
0.0000

■ 63.0200, 2.9481,
-12.2955

■ 136.4220, 3.2430,
-13.5251

■ 41.0200, 2.9481,
-12.2955

■ 163.1230, 3.3904,
-14.1399

■ 19.7210, 3.0955,
-12.9103

■ 190.1230, 3.3904,
-14.1399

■ 0.0000, 0.0000,
0.0000

■ 217.8240, 3.5378,
-14.7546

■ 246.5250, 3.6852,
-15.3694

■ 86.7210, 3.0955,
-12.9103

■ 86.7210, 3.0955,
-12.9103

■ 84.0300, 4.4222,
-18.4433

■ 89.4120, 1.7689,
-7.3773

■ 81.0400, 5.8963,
-24.5911

■ 92.4020, 0.2948,
-1.2296

■ 78.3490, 7.2229,
-30.1241

■ 95.0930, -1.0318,
4.3034

■ 75.6580, 8.5496,
-35.6571

■ 97.7840, -2.3585,
9.8364

■ 72.6680, 10.0237,
-41.8048

■ 100.4750, -3.6852,
15.3694

■ 69.9770, 11.3503,
-47.3378

■ 103.4650, -5.1592,
21.5172

■ 67.2860, 12.6770,
-52.8708

■ 106.1560, -6.4859,
27.0502

■ 65.1930, 13.7089,

■ 108.8470, -7.8126,

-57.1743

32.5832

■ 111.8370, -9.2866,
38.7310

Harmonies

Analogous

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



87.1190, -0.5517, -9.7514



86.7210, 3.0955, -12.9103



87.1170, 5.8583, -12.3806

Triad

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



86.7210, 3.0955, -12.9103



90.0590, 3.9149, 4.3333



89.3230, -6.5682, 6.7327

Complementary

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



86.7210, 3.0955, -12.9103



78.2790, -3.0955, 12.9103

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.



89.9860, -5.4161, 10.5363



86.7210, 3.0955, -12.9103



90.5820, 0.6991, 9.1366

Square

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



86.7210, 3.0955, -12.9103



89.2970, 6.2626, -2.0145



90.3820, -2.6533, 11.0660



88.4040, -6.1152, 1.3997

Rectangle

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



86.7210, 3.0955, -12.9103



87.6550, 6.5791, -10.2214



90.3820, -2.6533, 11.0660



89.4480, -6.1369, 8.3771

Sweetspot

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



86.7210, 3.0955, -12.9103



117.3090, 1.3267, -5.5330



84.3270, -6.0772, -10.8108



59.5050, 0.7370, -3.0739



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.



86.7210, 3.0955, -12.9103



110.1330, 4.8644, -20.2876



80.2640, 6.2788, -7.2475



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.



80.6730, 6.0772, 10.8108



100.6290, 9.5499, 16.9884



84.1490, -5.9895, 7.7623



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 86.7210, 3.0955, -12.9103 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 86.7210, 3.0955, -12.9103 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 86.7210, 3.0955, -12.9103

Background



This preview shows how black text looks on a background with the YUV color 86.7210, 3.0955, -12.9103.



This preview shows how white text looks on a background with the YUV color 86.7210, 3.0955, -12.9103.

-12.9103.

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

86.7210, 3.0955, -12.9103

Protanopia

88.8260, 0.5788, 1.0296

Deuteranopia

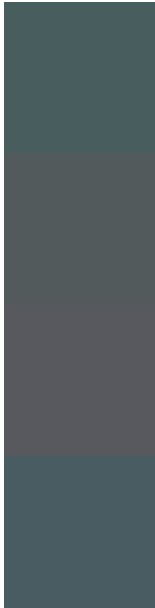
89.6030, 2.1677, 4.7332



Tritanopia

87.1170, 5.8583, -12.3806

Trichromacy



Original Color

86.7210, 3.0955, -12.9103

Protanomaly

88.0210, 1.4686, -4.4034

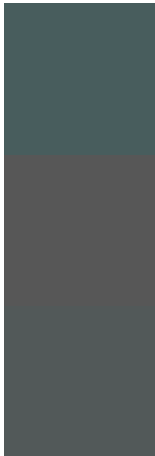
Deuteranomaly

88.9720, 2.4788, -1.7294

Tritanomaly

86.8890, 4.9847, -12.1807

Monochromacy



Original Color

86.7210, 3.0955, -12.9103

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9070, 1.0318, -4.3034

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7210, 3.0955, -12.9103 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(72, 93, 93)` looks like.

```
.text, #text, p{  
    color:rgb(72, 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(72, 93, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 93, 93) }
```

Border

The CSS property to change the border of an element to YUV 86.7210, 3.0955, -12.9103 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(72, 93, 93) }
```


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

```
.border{ border-color:rgb(72, 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(72, 93, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 93, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 93, 93);  
box-shadow:4px 4px 4px 4px rgb(72, 93, 93)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.7210, 3.0955, -12.9103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 93, 93) }
```

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

```
.background{ background-color: rgb(72, 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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