

Converting Colors

YUV(87.5420, 4.6628, -2.2293)

Have a look what the booklet for
YUV(87.5420, 4.6628, -2.2293)
contains.

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Color

**YUV(87.5420, 4.6628,
-2.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	555761
RGB	85, 87, 97
RGB Percent	33%, 34%, 38%
CMY	0.6667, 0.6588, 0.6196
CMYK	0.12, 0.10, 0.00, 0.62
HSL	230°, 7%, 36%
HSV	230°, 12%, 38%
XYZ	9.3122, 9.6108, 12.6735
YIQ	87.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

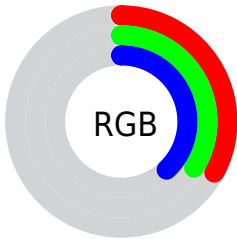
Format	Color
R_{YB}	85, 87, 97
Decimal	5592929
CIE Lab	37.13, 1.47, -6.04
CIE LCh	37, 6.217, 283.711
Yxy	9.6108, 0.2947, 0.3042
Android (android.graphics.Color)	4283783009 (0xFF555761)
YUV	87.5420, 4.6628, -2.2293
Hunter-Lab	31.0012, -0.6341, -2.5373

Details

The YUV color **87.5420, 4.6628, -2.2293** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94.4580, -4.6628, 2.2293**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.6560, 5.0996, -2.3293**, and **42.4280, 4.2260, -2.1294** is the 20% darker color. If you saturate the color by 10%, you get **79.8560, 8.4520, -4.2587**, and if you desaturate by 10%, it is **95.2280, 0.8736, -0.2000**.

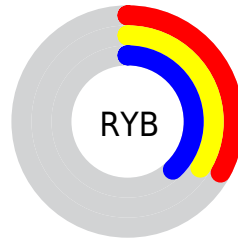
Distribution



Red (33%)

Green (34%)

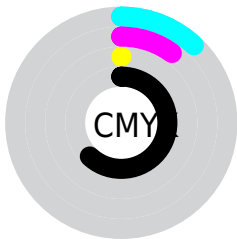
Blue (38%)



Red (33%)

Yellow (34%)

Blue (38%)

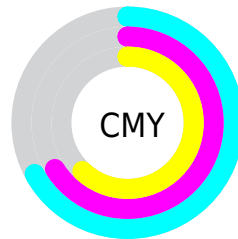


Cyan (12%)

Magenta (10%)

Yellow (0%)

Black (62%)



Cyan (67%)

Magenta (66%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.5420, 4.6628, -2.2293 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 87.5420, 4.6628, -2.2293 by changing the saturation by 10% instead.

■ 87.5420, 4.6628,
-2.2293

■ 87.5420, 4.6628,
-2.2293

■ 255.0000, 0.0000,
0.0000

■ 64.4280, 4.2260,
-2.1294

■ 137.6560, 5.0996,
-2.3293

■ 42.4280, 4.2260,
-2.1294

■ 163.6560, 5.0996,
-2.3293

■ 21.7270, 4.0786,
-1.5146

■ 190.7700, 5.5364,
-2.4293

■ 0.3420, 1.3104,
-0.2999

■ 218.7700, 5.5364,
-2.4293

■ 0.0000, 0.0000,
0.0000

■ 246.4280, 4.2260,
-2.1294

■ 87.5420, 4.6628,
-2.2293

■ 87.5420, 4.6628,
-2.2293

■ 79.8560, 8.4520,
-4.2587

■ 95.2280, 0.8736,
-0.2000

■ 72.4690, 12.0938,
-5.6733

■ 102.6150, -2.7682,
1.2146

■ 64.7830, 15.8830,
-7.7027

■ 110.3010, -6.5574,
3.2440

■ 57.0970, 19.6722,
-9.7321

■ 117.9870,
-10.3466, 5.2734

■ 49.7100, 23.3140,
-11.1467

■ 125.3740,
-13.9884, 6.6880

■ 42.0240, 27.1032,
-13.1760

■ 133.0600,
-17.7776, 8.7174

■ 33.7510, 31.1818,
-14.6906

■ 141.3330,
-21.8562, 10.2320

■ 26.0650, 34.9710,

■ 149.0190,

-16.7200

-25.6454, 12.2613

■ 20.4500, 37.7391,
-17.9346

■ 156.4060,
-29.2872, 13.6759

Harmonies

Analogous

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



86.9220, 4.9685, -6.9476



87.5420, 4.6628, -2.2293



87.9340, 3.4835, 2.6889

Triad

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



87.5420, 4.6628, -2.2293



88.4310, -3.6635, 8.3920



85.7280, -0.8519, -6.7775

Complementary

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



87.5420, 4.6628, -2.2293



94.4580, -4.6628, 2.2293

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.



86.1800, -3.0467, -2.7889



87.5420, 4.6628, -2.2293



87.4800, -4.6736, 5.7180

Square

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



87.5420, 4.6628, -2.2293



88.3000, -1.6269, 8.5069



87.1590, -4.5154, 1.6146



85.5150, 2.2111, -9.2217

Rectangle

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



87.5420, 4.6628, -2.2293



88.7880, 1.5835, 5.4479



87.1590, -4.5154, 1.6146



86.2120, -1.5835, -5.4479

Sweetspot

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



87.5420, 4.6628, -2.2293



121.1570, 1.8946, -1.0147



93.1840, 0.8953, -7.1774



61.3420, 1.3104, -0.2999



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



87.5420, 4.6628, -2.2293



109.9270, 7.4310, -3.4440



87.5640, 4.6519, 1.2594



44.4560, 1.7472, -0.3999



23.9210, 43.4229, -20.9787



50.8400, 93.2559, -44.5867

Inverse Universe

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



88.8160, -0.8953, 7.1774



112.0230, -1.4903, 11.3808



94.4360, -4.6519, -1.2594



45.1960, -0.5896, 2.4591



35.6540, -8.2104, 66.9554



76.3200, -17.9058, 143.5474

Previews

White Background



This preview shows how the YUV color 87.5420, 4.6628, -2.2293 looks on a white background.

Color Contrast Check

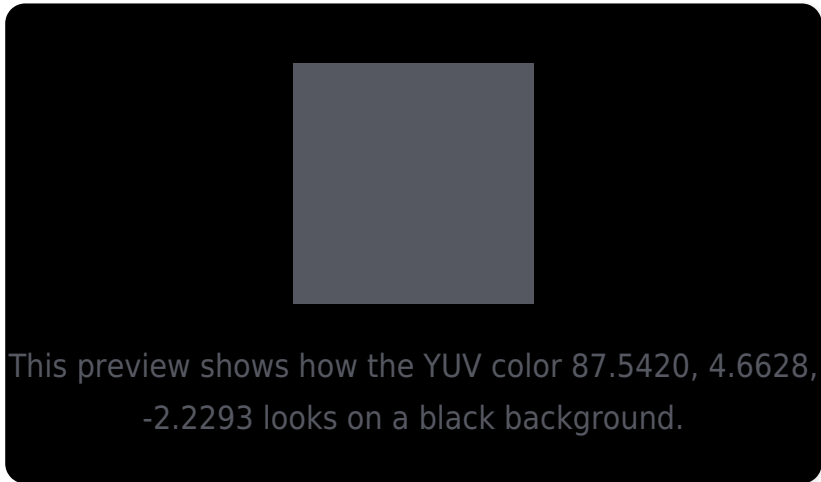
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

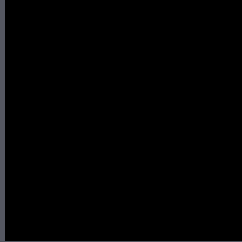
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

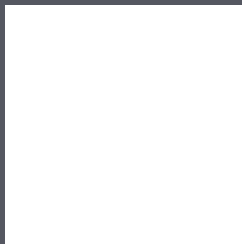
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 87.5420, 4.6628, -2.2293

Background



This preview shows how black text looks on a background with the YUV color 87.5420, 4.6628, -2.2293.



This preview shows how white text looks on a background with the YUV color 87.5420, 4.6628,

-2.2293.

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

87.5420, 4.6628, -2.2293

Protanopia

87.8410, 4.5154, -1.6146

Deuteranopia

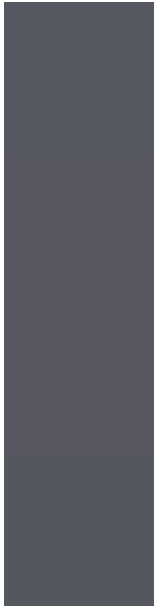
88.1620, 4.3571, 2.4889



Tritanopia

87.2000, 3.3524, -1.9294

Trichromacy



Original Color

87.5420, 4.6628, -2.2293

Protanomaly

87.8410, 4.5154, -1.6146

Deuteranomaly

88.1510, 4.3626, 0.7446

Tritanomaly

87.3140, 3.7892, -2.0294

Monochromacy



Original Color

87.5420, 4.6628, -2.2293

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0430, 1.4578, -0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.5420, 4.6628, -2.2293 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(85, 87, 97)` looks like.

```
.text, #text, p{  
    color:rgb(85, 87, 97)  
}
```

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(85, 87, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 87, 97) }
```

Border

The CSS property to change the border of an element to YUV 87.5420, 4.6628, -2.2293 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(85, 87, 97) }
```


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

```
.border{ border-color:rgb(85, 87, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 87, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 87, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 87, 97);  
box-shadow:4px 4px 4px 4px rgb(85, 87, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.5420, 4.6628, -2.2293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 87, 97) }
```

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

```
.background{ background-color: rgb(85, 87,  
97) }
```

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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