

Converting Colors

YUV(88.5250, 7.1362, -2.2144)

Have a look what the booklet for
YUV(88.5250, 7.1362, -2.2144)
contains.

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Color

**YUV(88.5250, 7.1362,
-2.2144)**

Conversions

Conversions Part 1

Format	Color
Hex	565767
RGB	86, 87, 103
RGB Percent	34%, 34%, 40%
CMY	0.6627, 0.6588, 0.5961
CMYK	0.17, 0.16, 0.00, 0.60
HSL	236°, 9%, 37%
HSV	236°, 17%, 40%
XYZ	9.6941, 9.7741, 14.2076
YIQ	88.5250, -5.7320, 4.7640

Conversions

Conversions Part 2

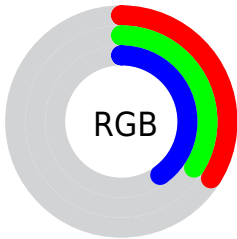
Format	Color
R_{YB}	86, 87, 103
Decimal	5658471
CIE Lab	37.43, 3.29, -9.31
CIE LCh	37, 9.879, 289.468
Yxy	9.7741, 0.2879, 0.2902
Android (android.graphics.Color)	4283848551 (0xFF565767)
YUV	88.5250, 7.1362, -2.2144
Hunter-Lab	31.2636, 0.6376, -5.0597

Details

The YUV color **88.5250, 7.1362, -2.2144** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **100.4750, -7.1362, 2.2144**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6390, 7.5730, -2.3144**, and **43.2970, 6.2626, -2.0145** is the 20% darker color. If you saturate the color by 10%, you get **79.6650, 11.5042, -3.2142**, and if you desaturate by 10%, it is **97.3850, 2.7682, -1.2146**.

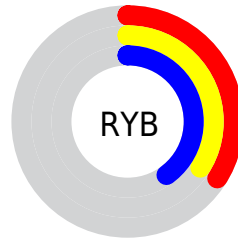
Distribution



Red (34%)

Green (34%)

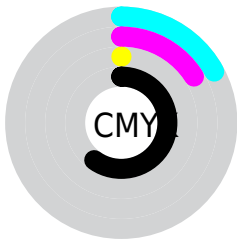
Blue (40%)



Red (34%)

Yellow (34%)

Blue (40%)

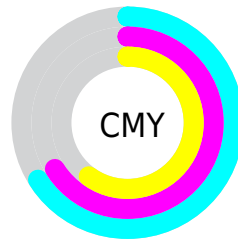


Cyan (17%)

Magenta (16%)

Yellow (0%)

Black (60%)



Cyan (66%)

Magenta (66%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.5250, 7.1362, -2.2144 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 88.5250, 7.1362, -2.2144 by changing the saturation by 10% instead.

■ 88.5250, 7.1362,
-2.2144

■ 88.5250, 7.1362,
-2.2144

■ 255.0000, 0.0000,
0.0000

■ 65.4110, 6.6994,
-2.1144

■ 138.6390, 7.5730,
-2.3144

■ 43.2970, 6.2626,
-2.0145

■ 164.7530, 8.0098,
-2.4144

■ 22.8840, 5.9732,
-2.5293

■ 191.7530, 8.0098,
-2.4144

■ 1.3680, 5.2416,
-1.1997

■ 219.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 247.0260, 3.9312,
-0.8998

■ 88.5250, 7.1362,
-2.2144

■ 88.5250, 7.1362,
-2.2144

■ 79.6650, 11.5042,
-3.2142

■ 97.3850, 2.7682,
-1.2146

■ 71.0930, 15.7302,
-5.3436

■ 105.9570, -1.4578,
0.9147

■ 62.2330, 20.0981,
-6.3433

■ 114.8170, -5.8258,
1.9145

■ 53.3730, 24.4661,
-7.3431

■ 123.6770,
-10.1938, 2.9143

■ 45.1000, 28.5447,
-8.8577

■ 132.2490,
-14.4198, 5.0436

■ 35.9410, 33.0601,
-10.4723

■ 141.1090,
-18.7877, 6.0434

■ 27.0810, 37.4281,
-11.4720

■ 149.9690,
-23.1557, 7.0432

■ 18.2210, 41.7960,

■ 158.8290,

-12.4718

-27.5237, 8.0430

■ 15.2640, 43.2538,
-13.3865

■ 167.4010,
-31.7497, 10.1723

Harmonies

Analogous

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



87.4100, 8.1789, -10.0066



88.5250, 7.1362, -2.2144



89.1840, 4.3463, 5.9776

Triad

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



88.5250, 7.1362, -2.2144



88.7690, -6.2951, 12.4806



85.8090, -0.3988, -12.1105

Complementary

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



88.5250, 7.1362, -2.2144



100.4750, -7.1362, 2.2144

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.



86.2290, -4.0569, -5.4628



88.5250, 7.1362, -2.2144



88.3940, -7.5892, 7.5475

Square

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



88.5250, 7.1362, -2.2144



89.5780, -3.2430, 13.5251



87.1760, -6.9888, 1.5996



85.2260, 3.8326, -15.9842

Rectangle

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



88.5250, 7.1362, -2.2144



89.6360, 2.1515, 9.9662



87.1760, -6.9888, 1.5996



85.4780, -1.7147, -10.0662

Sweetspot

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



88.5250, 7.1362, -2.2144



129.3850, 2.7682, -1.2146



97.8030, 2.0691, -10.3512



65.4560, 1.7472, -0.3999



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



88.5250, 7.1362, -2.2144



112.2520, 11.2148, -3.7290



90.0310, 6.3937, 2.6038



46.5700, 2.1840, -0.4999



17.2190, 48.2060, -15.1011



35.8060, 101.6536, -31.4019

Inverse Universe

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



91.1970, -2.0691, 10.3512



116.3010, -3.1064, 16.3990



98.9690, -6.3937, -2.6038



47.4950, -0.7370, 3.0739



35.1830, -13.8942, 69.9995



73.9540, -29.5573, 147.3763

Previews

White Background



This preview shows how the YUV color 88.5250, 7.1362, -2.2144 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 88.5250, 7.1362, -2.2144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

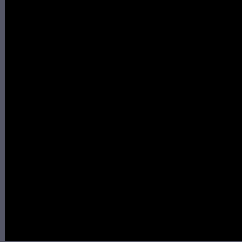
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.5250, 7.1362, -2.2144

Background



This preview shows how black text looks on a background with the YUV color 88.5250, 7.1362, -2.2144.



This preview shows how white text looks on a background with the YUV color 88.5250, 7.1362, -2.2144.

-2.2144.

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

88.5250, 7.1362, -2.2144

Protanopia

88.2260, 7.2836, -2.8292

Deuteranopia

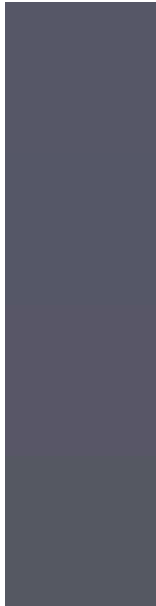
88.8350, 6.9833, 0.1447



Tritanopia

87.9010, 3.4998, -2.5442

Trichromacy



Original Color

88.5250, 7.1362, -2.2144

Protanomaly

88.2260, 7.2836, -2.8292

Deuteranomaly

88.5360, 7.1308, -0.4701

Tritanomaly

88.2430, 4.8102, -2.8441

Monochromacy



Original Color

88.5250, 7.1362, -2.2144

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.6840, 2.6208, -0.5999

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.5250, 7.1362, -2.2144 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(86, 87, 103)` looks like.

```
.text, #text, p{  
    color:rgb(86, 87, 103)  
}
```

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(86, 87, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 87, 103) }
```

Border

The CSS property to change the border of an element to YUV 88.5250, 7.1362, -2.2144 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(86, 87, 103) }
```


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

```
.border{ border-color:rgb(86, 87, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 87, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 87, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 87, 103);  
box-shadow:4px 4px 4px 4px rgb(86, 87,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 88.5250, 7.1362, -2.2144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 87, 103) }
```

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

```
.background{ background-color: rgb(86, 87,  
103) }
```

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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