

Converting Colors

YUV(85.7200, 8.0260, -7.6474)

Have a look what the booklet for
YUV(85.7200, 8.0260, -7.6474)
contains.

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Color

**YUV(85.7200, 8.0260,
-7.6474)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5766
RGB	77, 87, 102
RGB Percent	30%, 34%, 40%
CMY	0.6980, 0.6588, 0.6000
CMYK	0.25, 0.15, 0.00, 0.60
HSL	216°, 14%, 35%
HSV	216°, 25%, 40%
XYZ	8.8670, 9.3535, 13.9084
YIQ	85.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

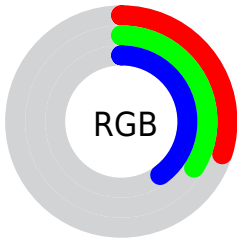
Format	Color
R_YB	77, 84, 102
Decimal	5068646
CIE Lab	36.66, -0.20, -9.94
CIE LCh	37, 9.940, 268.863
Yxy	9.3535, 0.2760, 0.2911
Android (android.graphics.Color)	4283258726 (0xFF4D5766)
YUV	85.7200, 8.0260, -7.6474
Hunter-Lab	30.5835, -1.7687, -5.5549

Details

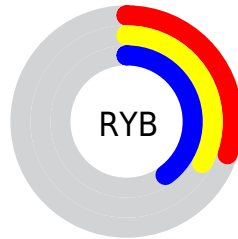
The YUV color **85.7200, 8.0260, -7.6474** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **93.2800, -8.0260, 7.6474**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5350, 8.6102, -8.3622**, and **40.4920, 7.1524, -7.4475** is the 20% darker color. If you saturate the color by 10%, you get **79.2080, 11.2365, -10.7064**, and if you desaturate by 10%, it is **92.2320, 4.8156, -4.5885**.

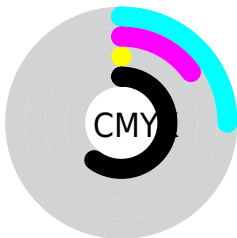
Distribution



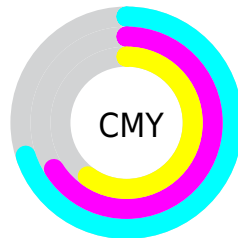
- Red (30%)
- Green (34%)
- Blue (40%)



- Red (30%)
- Yellow (33%)
- Blue (40%)



- Cyan (25%)
- Magenta (15%)
- Yellow (0%)
- Black (60%)



- Cyan (70%)
- Magenta (66%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.7200, 8.0260, -7.6474 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 85.7200, 8.0260, -7.6474 by changing the saturation by 10% instead.

■ 85.7200, 8.0260,
-7.6474

■ 85.7200, 8.0260,
-7.6474

■ 255.0000, 0.0000,
0.0000

■ 62.6060, 7.5892,
-7.5475

■ 135.5350, 8.6102,
-8.3622

■ 40.4920, 7.1524,
-7.4475

■ 161.6490, 9.0470,
-8.4622

■ 19.4920, 7.1524,
-7.4475

■ 188.6490, 9.0470,
-8.4622

■ 1.1400, 4.3680,
-0.9998

■ 216.7630, 9.4838,
-8.5622

■ 0.0000, 0.0000,
0.0000

■ 243.7370, 5.5527,
-7.6623

■ 85.7200, 8.0260,
-7.6474

■ 85.7200, 8.0260,
-7.6474

■ 79.2080, 11.2365,
-10.7064

■ 92.2320, 4.8156,
-4.5885

■ 72.6960, 14.4469,
-13.7654

■ 98.7440, 1.6052,
-1.5295

■ 65.8850, 17.8047,
-17.4391

■ 105.5550, -1.7526,
2.1443

■ 59.3730, 21.0151,
-20.4981

■ 112.0670, -4.9630,
5.2032

■ 52.2740, 24.5149,
-23.0423

■ 119.1660, -8.4628,
7.7474

■ 45.7620, 27.7253,
-26.1013

■ 125.6780,
-11.6733, 10.8064

■ 39.2500, 30.9357,
-29.1603

■ 132.1900,
-14.8837, 13.8654

■ 35.6950, 32.6884,

■ 139.0010,

-31.3045

-18.2415, 17.5391

■ 145.5130,
-21.4519, 20.5981

Harmonies

Analogous

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



84.2740, 7.7529, -13.3953



85.7200, 8.0260, -7.6474



86.7210, 6.5465, 0.2447

Triad

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



85.7200, 8.0260, -7.6474



87.3500, -4.1165, 13.7251



84.1470, -3.0305, -8.0219

Complementary

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



85.7200, 8.0260, -7.6474



93.2800, -8.0260, 7.6474

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.



84.9800, -6.3991, -0.8595



85.7200, 8.0260, -7.6474



86.9430, -6.8739, 11.4510

Square

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



85.7200, 8.0260, -7.6474



87.9630, -0.4748, 12.3104



86.2690, -8.0206, 5.9031



83.5530, 1.2064, -13.6400

Rectangle

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



85.7200, 8.0260, -7.6474



87.8850, 4.4937, 5.3629



86.2690, -8.0206, 5.9031



84.2290, -4.0569, -5.4628

Sweetspot

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



85.7200, 8.0260, -7.6474



126.4880, 3.2104, -3.0590



93.3850, -0.6828, -14.3696



62.7440, 1.6052, -1.5295



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



85.7200, 8.0260, -7.6474



107.8380, 12.4049, -12.1359



80.4480, 10.6251, -1.2699



47.7440, 1.6052, -1.5295



40.1120, 36.9198, -35.1782



84.5270, 77.6342, -74.1302

Inverse Universe

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



85.6150, 0.6828, 14.3696



107.4850, 1.2399, 22.3767



98.5520, -10.6251, 1.2699



47.7230, 0.1366, 2.8739



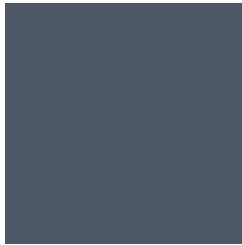
39.6290, 3.1409, 66.1004



83.4160, 6.6969, 139.0782

Previews

White Background



This preview shows how the YUV color 85.7200, 8.0260, -7.6474 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 85.7200, 8.0260, -7.6474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

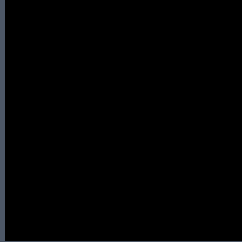
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

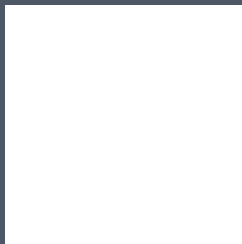
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 85.7200, 8.0260, -7.6474

Background



This preview shows how black text looks on a background with the YUV color 85.7200, 8.0260, -7.6474.



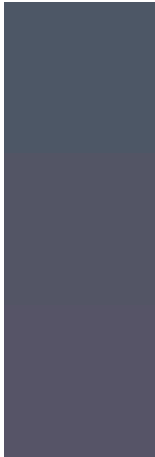
This preview shows how white text looks on a background with the YUV color 85.7200, 8.0260,

-7.6474.

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

85.7200, 8.0260, -7.6474

Protanopia

86.2260, 7.2836, -2.8292

Deuteranopia

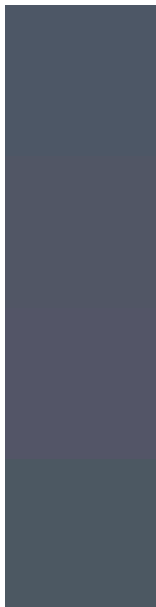
86.7640, 8.0043, -0.6700



Tritanopia

85.2100, 4.8265, -8.0772

Trichromacy



Original Color

85.7200, 8.0260, -7.6474

Protanomaly

86.2150, 7.2890, -4.5736

Deuteranomaly

86.4540, 8.1572, -3.0292

Tritanomaly

85.5520, 6.1369, -8.3771

Monochromacy



Original Color

85.7200, 8.0260, -7.6474

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.7870, 3.0630, -2.4442

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.7200, 8.0260, -7.6474 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(77, 87, 102)` looks like.

```
.text, #text, p{  
    color:rgb(77, 87, 102)  
}
```

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(77, 87, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 87, 102) }
```

Border

The CSS property to change the border of an element to YUV 85.7200, 8.0260, -7.6474 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(77, 87, 102) }
```


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

```
.border{ border-color:rgb(77, 87, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 87, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 87, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 87, 102);  
box-shadow:4px 4px 4px 4px rgb(77, 87,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 85.7200, 8.0260, -7.6474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 87, 102) }
```

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

```
.background{ background-color: rgb(77, 87,  
102) }
```

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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