

Converting Colors

YUV(93.2320, 8.2666, 8.5665)

Have a look what the booklet for
YUV(93.2320, 8.2666, 8.5665)
contains.

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Color

**YUV(93.2320, 8.2666,
8.5665)**

Conversions

Conversions Part 1

Format	Color
Hex	67556E
RGB	103, 85, 110
RGB Percent	40%, 33%, 43%
CMY	0.5961, 0.6667, 0.5686
CMYK	0.06, 0.23, 0.00, 0.57
HSL	283°, 13%, 38%
HSV	283°, 23%, 43%
XYZ	11.6565, 10.5064, 16.1654
YIQ	93.2320, 2.7030, 11.5910

Conversions

Conversions Part 2

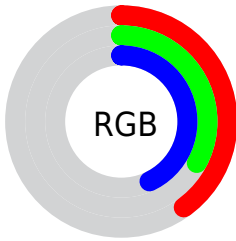
Format	Color
R_{YB}	103, 85, 110
Decimal	6772078
CIE _{Lab}	38.74, 12.48, -11.53
CIE _{LCh}	39, 16.993, 317.276
Yxy	10.5064, 0.3041, 0.2741
Android (android.graphics.Color)	4284962158 (0xFF67556E)
YUV	93.2320, 8.2666, 8.5665
Hunter-Lab	32.4135, 7.4682, -6.8799

Details

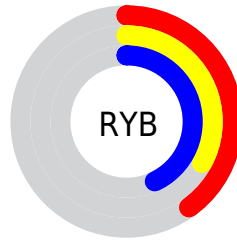
The YUV color **93.2320, 8.2666, 8.5665** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **101.7680, -8.2666, -8.5665**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7590, 8.9928, 8.9814**, and **47.2920, 7.2510, 7.6369** is the 20% darker color. If you saturate the color by 10%, you get **85.8780, 11.8921, 12.3850**, and if you desaturate by 10%, it is **100.5860, 4.6411, 4.7481**.

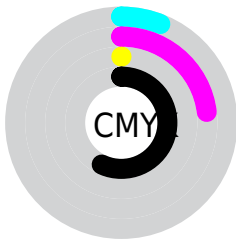
Distribution



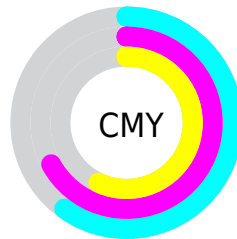
- Red (40%)
- Green (33%)
- Blue (43%)



- Red (40%)
- Yellow (33%)
- Blue (43%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)
- Black (57%)



- Cyan (60%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.2320, 8.2666, 8.5665 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 93.2320, 8.2666, 8.5665 by changing the saturation by 10% instead.

■ 93.2320, 8.2666,
8.5665

■ 93.2320, 8.2666,
8.5665

■ 255.0000, 0.0000,
0.0000

■ 69.8190, 7.9772,
8.0517

■ 143.7590, 8.9928,
8.9814

■ 47.2920, 7.2510,
7.6369

■ 170.1720, 9.2822,
9.4962

■ 25.8790, 6.9617,
7.1221

■ 197.4710, 9.1348,
10.1109

■ 4.6720, 7.5567,
2.9187

■ 225.5850, 9.5716,
10.0110

■ 0.0000, 0.0000,
0.0000

■ 248.5430, 3.1833,
5.6628

93.2320, 8.2666,
8.5665

93.2320, 8.2666,
8.5665

85.8780, 11.8921,
12.3850

100.5860, 4.6411,
4.7481

78.5240, 15.5177,
16.2035

107.9400, 1.0156,
0.9296

71.1700, 19.1432,
20.0219

115.2940, -2.6099,
-2.8888

63.8160, 22.7687,
23.8404

122.6480, -6.2355,
-6.7073

56.4620, 26.3942,
27.6588

130.0020, -9.8610,
-10.5258

49.1080, 30.0198,
31.4773

137.3560,
-13.4865, -14.3442

41.4550, 33.7927,
34.6810


145.0090,
-17.2594, -17.5479

36.1610, 36.4026,

152.3630,

37.5698

-20.8850, -21.3664

 159.7170,
-24.5105, -25.1848

Harmonies

Analogous

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



91.5830, 12.5306, -5.7733



93.2320, 8.2666, 8.5665



93.6910, 2.1243, 18.6880

Triad

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



93.2320, 8.2666, 8.5665



91.0590, -12.8471, 13.9803



84.6480, 7.0755, -29.5093

Complementary

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



93.2320, 8.2666, 8.5665



101.7680, -8.2666, -8.5665

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.



86.3410, -0.6611, -21.3471



93.2320, 8.2666, 8.5665



89.8080, -12.2303, 2.7994

Square

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



93.2320, 8.2666, 8.5665



92.2000, -9.9586, 20.8726



87.5830, -7.6824, -9.2813



85.1410, 12.7485, -29.0647

Rectangle

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



93.2320, 8.2666, 8.5665



93.1600, -2.5439, 22.6617



87.5830, -7.6824, -9.2813



84.9750, 4.4493, -27.1651

Sweetspot

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



93.2320, 8.2666, 8.5665



136.2330, 3.3361, 3.3037



91.9590, 8.8942, -6.1030



67.7660, 1.5944, 1.9592



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



93.2320, 8.2666, 8.5665



116.8180, 12.9077, 13.3146



94.7550, 5.0508, 13.3699



52.1790, 1.8838, 2.4740



39.3940, 39.7388, 40.8735



81.3800, 81.6507, 84.7357

Inverse Universe

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



93.2730, -0.6276, 14.6696



116.9150, -0.9441, 22.8765



100.2450, -5.0508, -13.3699



52.0220, -0.0108, 3.4887



39.7560, -2.8377, 70.3740



81.7190, -6.2705, 144.9514

Previews

White Background



This preview shows how the YUV color 93.2320, 8.2666, 8.5665 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 93.2320, 8.2666, 8.5665 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 93.2320, 8.2666, 8.5665

Background



This preview shows how black text looks on a background with the YUV color 93.2320, 8.2666, 8.5665.



This preview shows how white text looks on a background with the YUV color 93.2320, 8.2666,

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

93.2320, 8.2666, 8.5665

Protanopia

91.5400, 11.0728, -4.8586

Deuteranopia

91.8780, 8.4411, -0.7700



Tritanopia

92.6850, 1.1413, 7.2923

Trichromacy



Original Color

93.2320, 8.2666, 8.5665

Protanomaly

92.0460, 10.3303, -0.0403

Deuteranomaly

92.4870, 8.1409, 2.2039

Tritanomaly

92.9670, 3.4673, 7.9219

Monochromacy



Original Color

93.2320, 8.2666, 8.5665

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.1190, 2.8993, 3.4036

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.2320, 8.2666, 8.5665 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(103, 85, 110)` looks like.

```
.text, #text, p{  
    color:rgb(103, 85, 110)  
}
```

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(103, 85, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 85, 110) }
```

Border

The CSS property to change the border of an element to YUV 93.2320, 8.2666, 8.5665 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(103, 85, 110) }
```


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

```
.border{ border-color:rgb(103, 85, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 85, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 85, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 85, 110);  
box-shadow:4px 4px 4px 4px rgb(103, 85,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 93.2320, 8.2666, 8.5665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 85, 110) }
```

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

```
.background{ background-color: rgb(103, 85,  
110) }
```

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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