

Converting Colors

YUV(113.3330, -5.0942, 0.5850)

Have a look what the booklet for
YUV(113.3330, -5.0942, 0.5850)
contains.

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Color

**YUV(113.3330, -5.0942,
0.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	727367
RGB	114, 115, 103
RGB Percent	45%, 45%, 40%
CMY	0.5529, 0.5490, 0.5961
CMYK	0.01, 0.00, 0.10, 0.55
HSL	65°, 6%, 43%
HSV	65°, 10%, 45%
XYZ	15.5183, 16.8181, 15.2603
YIQ	113.3330, 3.2560, -3.9440

Conversions

Conversions Part 2

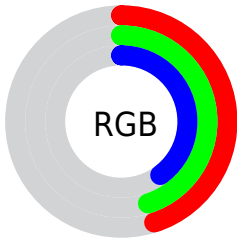
Format	Color
R_{YB}	103, 115, 104
Decimal	7500647
CIE Lab	48.03, -2.71, 6.51
CIE LCh	48, 7.052, 112.628
Yxy	16.8181, 0.3260, 0.3533
Android (android.graphics.Color)	4285690727 (0xFF727367)
YUV	113.3330, -5.0942, 0.5850
Hunter-Lab	41.0099, -4.2222, 6.6444

Details

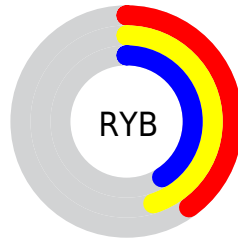
The YUV color **113.3330, -5.0942, 0.5850** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **104.6670, 5.0942, -0.5850**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2190, -5.5310, 0.6849**, and **65.4470, -4.6574, 0.4850** is the 20% darker color. If you saturate the color by 10%, you get **111.7800, -9.7515, 1.0699**, and if you desaturate by 10%, it is **115.0000, 0.0000, 0.0000**.

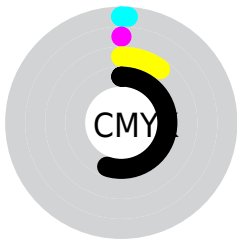
Distribution



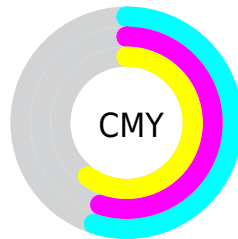
- Red (45%)
- Green (45%)
- Blue (40%)



- Red (40%)
- Yellow (45%)
- Blue (41%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (55%)



- Cyan (55%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.3330, -5.0942, 0.5850 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 113.3330, -5.0942, 0.5850 by changing the saturation by 10% instead.

■ 113.3330, -5.0942,
0.5850

■ 113.3330, -5.0942,
0.5850

255.0000, 0.0000,
0.0000

■ 88.4470, -4.6574,
0.4850

■ 165.2190, -5.5310,
0.6849

■ 65.4470, -4.6574,
0.4850

■ 192.2190, -5.5310,
0.6849

■ 43.5610, -4.2206,
0.3850

■ 220.1050, -5.9678,
0.7849

■ 22.7460, -4.8048,
1.0998

■ 248.2190, -5.5310,
0.6849

■ 0.0000, 0.0000,
0.0000

■ 113.3330, -5.0942,

■ 113.3330, -5.0942,

0.5850

0.5850

■ 111.7800, -9.7515,
1.0699

■ 115.0000, 0.0000,
0.0000

■ 110.1130,
-14.8457, 1.6549

■ 116.5530, 4.6574,
-0.4850

■ 108.4460,
-19.9399, 2.2399

■ 118.2200, 9.7515,
-1.0699

■ 106.8930,
-24.5972, 2.7248

■ 119.7730, 14.4089,
-1.5549

■ 105.2260,
-29.6914, 3.3098

■ 121.4400, 19.5031,
-2.1399

■ 103.6730,
-34.3488, 3.7948

■ 122.9930, 24.1605,
-2.6249

■ 102.0060,
-39.4430, 4.3797

■ 124.6600, 29.2546,
-3.2098

■ 100.4530,
-44.1003, 4.8647

■ 126.2130, 33.9120,
-3.6948

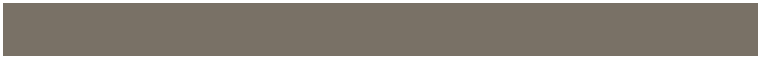
■ 98.9000, -48.7577,
5.3497

■ 127.8800, 39.0062,
-4.2798

Harmonies

Analogous

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



114.1380, -5.9840, 6.0180



113.3330, -5.0942, 0.5850



112.8700, -2.8939, -5.1480

Triad

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



113.3330, -5.0942, 0.5850



112.9000, 4.9793, -10.4363



115.1690, 0.4097, 8.6218

Complementary

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



113.3330, -5.0942, 0.5850



104.6670, 5.0942, -0.5850

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.



114.8310, 3.0413, 4.5332



113.3330, -5.0942, 0.5850



113.5630, 6.1314, -6.6328

Square

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



113.3330, -5.0942, 0.5850



111.7320, 3.0901, -11.1660



114.3680, 5.2416, -1.1997



115.0830, -2.5059, 10.4512

Rectangle

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



113.3330, -5.0942, 0.5850



112.0160, -0.9939, -7.9070



114.3680, 5.2416, -1.1997



115.0980, 1.4307, 7.8071

Sweetspot

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



113.3330, -5.0942, 0.5850



149.5440, -1.7472, 0.3999



107.1750, -2.0583, 6.8625



76.2450, -1.5998, -0.2149



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



113.3330, -5.0942, 0.5850



147.5350, -8.1518, 1.2848



111.5390, -4.2097, -3.1037



58.0170, -2.4734, -0.0149



105.1020, -51.8153, 6.0495



215.2210, -106.1040, 12.0842

Inverse Universe

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



104.6670, 5.0942, -0.5850



133.7640, 8.0043, -0.6700



106.4610, 4.2097, 3.1037



53.6840, 2.6208, -0.5999



16.8980, 51.8153, -6.0495



34.7790, 106.1040, -12.0842

Previews

White Background



This preview shows how the YUV color 113.3330, -5.0942, 0.5850 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 113.3330, -5.0942, 0.5850 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 113.3330, -5.0942, 0.5850

Background



This preview shows how black text looks on a background with the YUV color 113.3330, -5.0942, 0.5850.



This preview shows how white text looks on a background with the YUV color 113.3330, -5.0942,

0.5850.

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

113.3330, -5.0942, 0.5850

Protanopia

114.1270, -5.9786, 4.2736

Deuteranopia

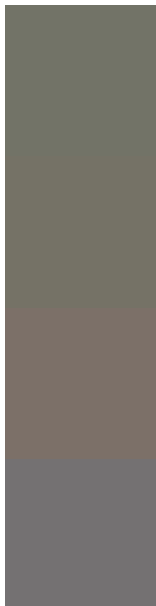
114.9970, -5.4215, 12.2806



Tritanopia

114.5210, 3.1941, 2.1741

Trichromacy



Original Color

113.3330, -5.0942, 0.5850

Protanomaly

113.5290, -5.6838, 3.0441

Deuteranomaly

114.6760, -5.2633, 8.1771

Tritanomaly

114.0110, -0.0054, 1.7444

Monochromacy



Original Color

113.3330, -5.0942, 0.5850

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1310, -2.0366, -0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.3330, -5.0942, 0.5850 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(114, 115, 103)` looks like.

```
.text, #text, p{  
    color:rgb(114, 115, 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(114, 115, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 115, 103) }
```

Border

The CSS property to change the border of an element to YUV 113.3330, -5.0942, 0.5850 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(114, 115, 103) }
```


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

```
.border{ border-color:rgb(114, 115, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 115, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 115, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 115, 103);  
box-shadow:4px 4px 4px 4px rgb(114, 115,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 113.3330, -5.0942, 0.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 115, 103) }
```

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

```
.background{ background-color: rgb(114,  
115, 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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