

Converting Colors

YUV(90.3330, -5.0942, 0.5850)

Have a look what the booklet for
YUV(90.3330, -5.0942, 0.5850)
contains.

YUV(90.3330, -5.0942, 0.5850)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(90.3330, -5.0942,
0.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5C50
RGB	91, 92, 80
RGB Percent	36%, 36%, 31%
CMY	0.6431, 0.6392, 0.6863
CMYK	0.01, 0.00, 0.13, 0.64
HSL	65°, 7%, 34%
HSV	65°, 13%, 36%
XYZ	9.5895, 10.4576, 9.1025
YIQ	90.3330, 3.2560, -3.9440

Conversions

Conversions Part 2

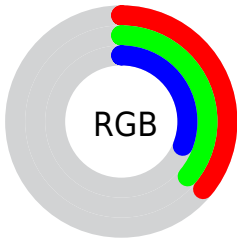
Format	Color
RYB	80, 92, 81
Decimal	5987408
CIELab	38.65, -2.80, 6.78
CIELCh	39, 7.331, 112.447
Yxy	10.4576, 0.3290, 0.3588
Android (android.graphics.Color)	4284177488 (0xFF5B5C50)
YUV	90.3330, -5.0942, 0.5850
Hunter-Lab	32.3383, -3.6600, 5.9479

Details

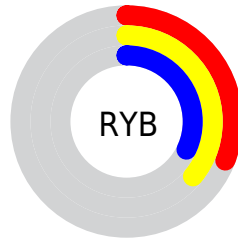
The YUV color **90.3330, -5.0942, 0.5850** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **81.6670, 5.0942, -0.5850**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.2190, -5.5310, 0.6849**, and **44.5610, -4.2206, 0.3850** is the 20% darker color. If you saturate the color by 10%, you get **89.0080, -8.8779, 0.8700**, and if you desaturate by 10%, it is **91.6580, -1.3104, 0.2999**.

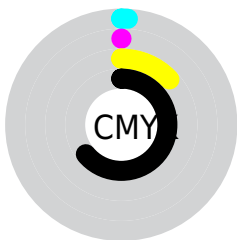
Distribution



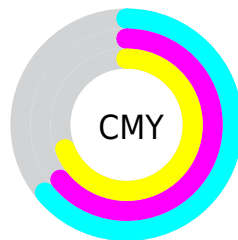
- Red (36%)
- Green (36%)
- Blue (31%)



- Red (31%)
- Yellow (36%)
- Blue (32%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (64%)



- Cyan (64%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.3330, -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 90.3330, -5.0942, 0.5850 by changing the saturation by 10% instead.

■ 90.3330, -5.0942,
0.5850

■ 90.3330, -5.0942,
0.5850

■ 255.0000, 0.0000,
0.0000

■ 67.0340, -4.9468,
-0.0298

■ 140.2190, -5.5310,
0.6849

■ 44.5610, -4.2206,
0.3850

■ 167.1050, -5.9678,
0.7849

■ 24.3330, -5.0942,
0.5850

■ 194.1050, -5.9678,
0.7849

■ 0.0000, 0.0000,
0.0000

■ 222.1050, -5.9678,
0.7849

■ 250.1050, -5.9678,
0.7849

■ 90.3330, -5.0942,
0.5850

■ 90.3330, -5.0942,
0.5850

■ 89.0080, -8.8779,
0.8700

■ 91.6580, -1.3104,
0.2999

■ 87.6830, -12.6617,
1.1550

■ 92.9830, 2.4734,
0.0149

■ 86.5430, -17.0297,
2.1548

■ 94.1230, 6.8414,
-0.9849

■ 85.2180, -20.8135,
2.4398

■ 95.4480, 10.6251,
-1.2699

■ 83.8930, -24.5972,
2.7248

■ 96.7730, 14.4089,
-1.5549

■ 82.5680, -28.3810,
3.0099

■ 98.0980, 18.1927,
-1.8399

■ 81.5420, -32.3122,
3.9097

■ 99.1240, 22.1239,
-2.7397

■ 80.1030, -36.5328,

■ 100.5630, 26.3444,

4.2947

-3.1248

■ 79.1200, -39.0062,
4.2798

■ 101.8880, 30.1282,
-3.4098

Harmonies

Analogous

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



90.8390, -5.8366, 5.4032



90.3330, -5.0942, 0.5850



89.8700, -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.



90.3330, -5.0942, 0.5850



89.9000, 4.9793, -10.4363



92.1690, 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.



90.3330, -5.0942, 0.5850



81.6670, 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.



91.8310, 3.0413, 4.5332



90.3330, -5.0942, 0.5850



90.5630, 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.



90.3330, -5.0942, 0.5850



88.7320, 3.0901, -11.1660



91.3680, 5.2416, -1.1997



92.0830, -2.5059, 10.4512

Rectangle

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



90.3330, -5.0942, 0.5850



89.0160, -0.9939, -7.9070



91.3680, 5.2416, -1.1997



92.0980, 1.4307, 7.8071

Sweetspot

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



90.3330, -5.0942, 0.5850



119.1310, -2.0366, -0.1149



84.1750, -2.0583, 6.8625



60.6580, -1.3104, 0.2999



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



90.3330, -5.0942, 0.5850



117.2360, -8.0043, 0.6700



88.5390, -4.2097, -3.1037



45.4300, -2.1840, 0.4999



94.7690, -46.7211, 5.4646



204.0020, -100.5730, 11.3992

Inverse Universe

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



81.6670, 5.0942, -0.5850



103.4650, 8.1518, -1.2848



83.4610, 4.2097, 3.1037



41.8690, 2.0366, 0.1149



15.2310, 46.7211, -5.4646



32.9980, 100.5730, -11.3992

Previews

White Background



This preview shows how the YUV color 90.3330, -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 90.3330, -5.0942, 0.5850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

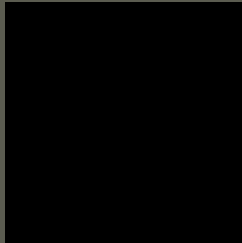
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.3330, -5.0942, 0.5850

Background



This preview shows how black text looks on a background with the YUV color 90.3330, -5.0942, 0.5850.



This preview shows how white text looks on a background with the YUV color 90.3330, -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

90.3330, -5.0942, 0.5850

Protanopia

90.8280, -5.8312, 3.6588

Deuteranopia

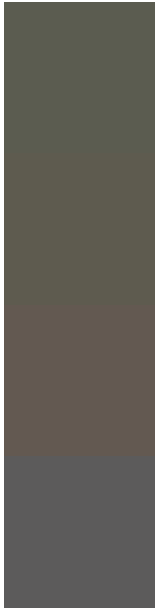
91.6870, -5.2687, 9.9215



Tritanopia

91.6950, 2.6154, 1.1445

Trichromacy



Original Color

90.3330, -5.0942, 0.5850

Protanomaly

90.5290, -5.6838, 3.0441

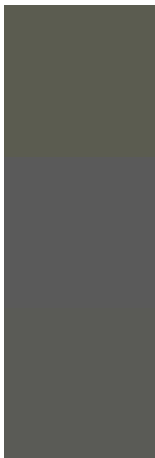
Deuteranomaly

91.0780, -4.9685, 6.9476

Tritanomaly

91.2990, -0.1474, 0.6148

Monochromacy



Original Color

90.3330, -5.0942, 0.5850

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1310, -2.0366, -0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3330, -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(91, 92, 80)` looks like.

```
.text, #text, p{  
    color:rgb(91, 92, 80)  
}
```

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(91, 92, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 92, 80) }
```

Border

The CSS property to change the border of an element to YUV 90.3330, -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(91, 92, 80) }
```


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

```
.border{ border-color:rgb(91, 92, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 92, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 92, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 92, 80);  
box-shadow:4px 4px 4px 4px rgb(91, 92, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 90.3330, -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(91, 92, 80) }
```

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

```
.background{ background-color: rgb(91, 92,  
80) }
```

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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