

Converting Colors

YUV(50.9370, 26.1601, 56.1833)

Have a look what the booklet for
YUV(50.9370, 26.1601, 56.1833)
contains.

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Color

**YUV(50.9370, 26.1601,
56.1833)**

Conversions

Conversions Part 1

Format	Color
Hex	730868
RGB	115, 8, 104
RGB Percent	45%, 3%, 41%
CMY	0.5490, 0.9686, 0.5922
CMYK	0.00, 0.93, 0.10, 0.55
HSL	306°, 87%, 24%
HSV	306°, 93%, 45%
XYZ	9.6558, 4.8180, 13.5178
YIQ	50.9370, 32.9560, 52.5400

Conversions

Conversions Part 2

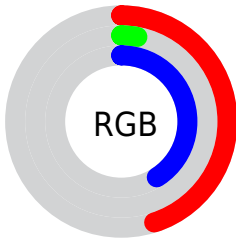
Format	Color
RYB	115, 8, 104
Decimal	7538792
CIELab	26.21, 51.36, -27.00
CIElCh	26, 58.027, 332.273
Yxy	4.8180, 0.3450, 0.1721
Android (android.graphics.Color)	4285728872 (0xFF730868)
YUV	50.9370, 26.1601, 56.1833
Hunter-Lab	21.9499, 40.1098, -21.1486

Details

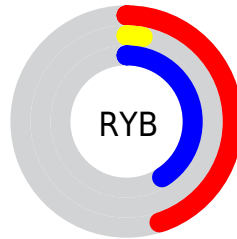
The YUV color **50.9370, 26.1601, 56.1833** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **72.0630, -26.1601, -56.1833**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.2910, 22.5345, 52.3648**, and **25.2210, 15.1740, 33.1322** is the 20% darker color. If you saturate the color by 10%, you get **46.1270, 28.0384, 60.4016**, and if you desaturate by 10%, it is **58.0950, 23.1242, 49.9057**.

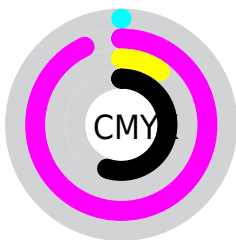
Distribution



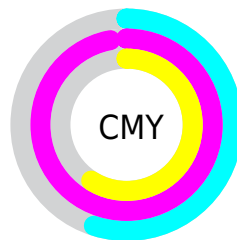
- Red (45%)
- Green (3%)
- Blue (41%)



- Red (45%)
- Yellow (3%)
- Blue (41%)



- Cyan (0%)
- Magenta (93%)
- Yellow (10%)
- Black (55%)



- Cyan (55%)
- Magenta (97%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.9370, 26.1601, 56.1833 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 50.9370, 26.1601, 56.1833 by changing the saturation by 10% instead.

50.9370, 26.1601,
56.1833

50.9370, 26.1601,
56.1833

255.0000, 0.0000,
0.0000

35.4320, 21.9720,
46.1021

110.2910, 22.5345,
52.3648

25.2210, 15.1740,
33.1322

137.8890, 22.2397,
53.5943

15.6510, 9.5391,
20.4771

164.9000, 22.2343,
55.3387

0.9120, 3.4944,
-0.7998


192.7150, 22.8185,
54.6239

0.0000, 0.0000,
0.0000


210.3880, 21.9937,
39.1247


227.4110, 13.6014,


24.1956


 244.4340, 5.2090,
9.2664


 50.9370, 26.1601,
56.1833


 50.9370, 26.1601,
56.1833


 46.1270, 28.0384,
60.4016

 58.0950, 23.1242,
49.9057

 64.6660, 20.3777,
44.1429

 71.9380, 17.7786,
37.7654

 78.5090, 15.0321,
32.0026

 85.6670, 11.9962,
25.7250

■ 92.2380, 9.2497,
19.9623

■ 99.3960, 6.2138,
13.6847

■ 105.9670, 3.4673,
7.9219

■ 113.2390, 0.8682,
1.5444

Harmonies

Analogous

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



60.9510, 37.9852, -3.4650



50.9370, 26.1601, 56.1833



47.3190, 6.7447, 76.8962

Triad

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



50.9370, 26.1601, 56.1833



58.5200, -28.8504, 13.5760



59.3860, 24.4597, -52.0815

Complementary

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



50.9370, 26.1601, 56.1833



72.0630, -26.1601, -56.1833

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.



53.6690, 5.0932, -47.0677



50.9370, 26.1601, 56.1833



50.3370, -24.8161, -20.4665

Square

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



50.9370, 26.1601, 56.1833



56.9460, -28.0744, 44.7744



46.9090, -15.7311, -41.1392



61.2730, 39.3054, -53.7364

Rectangle

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



50.9370, 26.1601, 56.1833



43.7140, -5.7750, 79.1808



46.9090, -15.7311, -41.1392



57.7900, 18.3445, -50.6818

Sweetspot

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



50.9370, 26.1601, 56.1833



124.8900, 10.4072, 22.0215



23.4870, 45.1159, -3.9351



60.8090, 6.5032, 14.1995



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.



50.9370, 26.1601, 56.1833



60.2400, 36.8567, 78.7195



44.8950, 3.0098, 61.4821



55.3640, 1.2995, 3.1888



49.0180, 30.0641, 64.0052



100.2860, 60.9910, 131.2992

Inverse Universe

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



50.9370, 26.1601, 56.1833



60.2400, 36.8567, 78.7195



78.1050, -3.0098, -61.4821



55.3640, 1.2995, 3.1888



49.0180, 30.0641, 64.0052



100.2860, 60.9910, 131.2992

Previews

White Background



This preview shows how the YUV color 50.9370, 26.1601, 56.1833 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

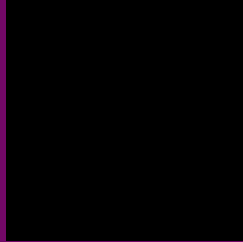
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.9370, 26.1601, 56.1833

Background



This preview shows how black text looks on a background with the YUV color 50.9370, 26.1601, 56.1833.



This preview shows how white text looks on a background with the YUV color 50.9370, 26.1601,

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

50.9370, 26.1601, 56.1833

Protanopia

51.4420, 39.7151, -45.1146

Deuteranopia

63.3910, 17.0622, -12.6209



Tritanopia

61.6740, -8.7133, 41.5049

Trichromacy



Original Color

50.9370, 26.1601, 56.1833

Protanomaly

51.1200, 34.9438, -7.9982

Deuteranomaly

59.0550, 20.1859, 12.2298

Tritanomaly

57.7360, 4.0742, 46.7125

Monochromacy



Original Color

50.9370, 26.1601, 56.1833

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.6510, 9.5391, 20.4771

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.9370, 26.1601, 56.1833 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(115, 8, 104)` looks like.

```
.text, #text, p{  
    color:rgb(115, 8, 104)  
}
```

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(115, 8, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 8, 104) }
```

Border

The CSS property to change the border of an element to YUV 50.9370, 26.1601, 56.1833 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(115, 8, 104) }
```


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

```
.border{ border-color:rgb(115, 8, 104) }
```

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

Here you see how a box with a 4 pixel rgb(115, 8, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 8, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 8, 104);  
box-shadow:4px 4px 4px 4px rgb(115, 8,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 50.9370, 26.1601, 56.1833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 8, 104) }
```

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

```
.background{ background-color: rgb(115, 8,  
104) }
```

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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