

Converting Colors

YUV(100.1160, -5.9732, 2.5293)

Have a look what the booklet for
YUV(100.1160, -5.9732, 2.5293)
contains.

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Color

**YUV(100.1160, -5.9732,
2.5293)**

Conversions

Conversions Part 1

Format	Color
Hex	676558
RGB	103, 101, 88
RGB Percent	40%, 40%, 35%
CMY	0.5961, 0.6039, 0.6549
CMYK	0.00, 0.02, 0.15, 0.60
HSL	52°, 8%, 37%
HSV	52°, 15%, 40%
XYZ	12.0087, 12.8955, 11.0887
YIQ	100.1160, 5.3650, -3.6190

Conversions

Conversions Part 2

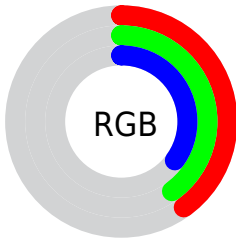
Format	Color
R_{YB}	90, 103, 88
Decimal	6776152
CIE Lab	42.61, -1.72, 7.65
CIE LCh	43, 7.836, 102.652
Yxy	12.8955, 0.3336, 0.3583
Android (android.graphics.Color)	4284966232 (0xFF676558)
YUV	100.1160, -5.9732, 2.5293
Hunter-Lab	35.9103, -3.1514, 6.8292

Details

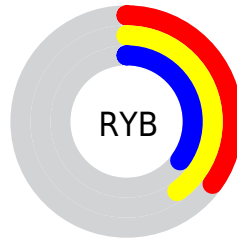
The YUV color **100.1160, -5.9732, 2.5293** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **90.8840, 5.9732, -2.5293**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.0020, -6.4100, 2.6292**, and **53.3440, -5.0996, 2.3293** is the 20% darker color. If you saturate the color by 10%, you get **98.3890, -10.0518, 4.0438**, and if you desaturate by 10%, it is **101.8430, -1.8946, 1.0147**.

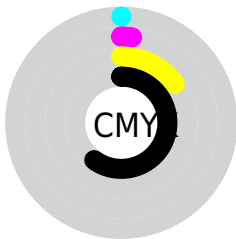
Distribution



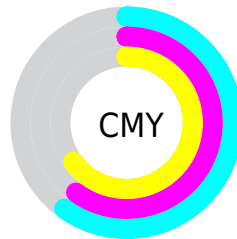
- Red (40%)
- Green (40%)
- Blue (35%)



- Red (35%)
- Yellow (40%)
- Blue (35%)



- Cyan (0%)
- Magenta (2%)
- Yellow (15%)
- Black (60%)



- Cyan (60%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.1160, -5.9732, 2.5293 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 100.1160, -5.9732, 2.5293 by changing the saturation by 10% instead.

■ 100.1160, -5.9732,
2.5293

■ 100.1160, -5.9732,
2.5293

■ 255.0000, 0.0000,
0.0000

■ 76.2300, -5.5364,
2.4293

■ 151.0020, -6.4100,
2.6292

■ 53.3440, -5.0996,
2.3293

■ 177.8880, -6.8468,
2.7292

■ 32.0450, -4.9522,
1.7145

■ 205.1870, -6.9942,
3.3440

■ 8.8600, -4.3680,
0.9998

■ 233.1870, -6.9942,
3.3440

■ 0.0000, 0.0000,
0.0000

■ 254.2020, -3.0576,
0.6998

■ 100.1160, -5.9732,
2.5293

■ 100.1160, -5.9732,
2.5293

■ 98.3890, -10.0518,
4.0438

■ 101.8430, -1.8946,
1.0147

■ 95.9610, -14.2778,
6.1732

■ 104.2710, 2.3314,
-1.1147

■ 94.2340, -18.3564,
7.6878

■ 105.9980, 6.4100,
-2.6292

■ 92.5070, -22.4350,
9.2024

■ 107.7250, 10.4886,
-4.1438

■ 90.1930, -26.2241,
11.2317

■ 110.1530, 14.7146,
-6.2732

■ 88.3520, -30.7395,
12.8463

■ 111.8800, 18.7932,
-7.7878

■ 86.0380, -34.5287,
14.8757

■ 114.1940, 22.5824,
-9.8171

■ 84.3110, -38.6073,

■ 115.9210, 26.6609,

16.3903

-11.3317

■ 83.0400, -40.9387,
17.5049

■ 117.7620, 31.1763,
-12.9463

Harmonies

Analogous

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



101.0350, -6.4263, 7.8623



100.1160, -5.9732, 2.5293



99.5390, -4.2097, -3.1037

Triad

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



100.1160, -5.9732, 2.5293



98.8890, 4.9847, -12.1807



102.0980, 1.4307, 7.8071

Complementary

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



100.1160, -5.9732, 2.5293



90.8840, 5.9732, -2.5293

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.



101.4610, 4.2097, 3.1037



100.1160, -5.9732, 2.5293



99.6660, 6.5737, -8.4771

Square

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



100.1160, -5.9732, 2.5293



98.2050, 2.3639, -11.5808



100.5850, 6.1206, -3.1440



101.6100, -1.7797, 10.8660

Rectangle

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



100.1160, -5.9732, 2.5293



98.9730, -2.4517, -6.9923



100.5850, 6.1206, -3.1440



102.0270, 2.4517, 6.9923

Sweetspot

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



100.1160, -5.9732, 2.5293



133.8430, -1.8946, 1.0147



92.7130, -1.3375, 9.0217



67.9570, -1.4578, 0.9147



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



100.1160, -5.9732, 2.5293



130.6170, -9.1782, 3.8439



99.7950, -5.8149, -1.5742



49.8430, -1.8946, 1.0147



92.4980, -45.6015, 19.7343



195.6280, -96.4446, 40.6682

Inverse Universe

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



90.8840, 5.9732, -2.5293



116.3830, 9.1782, -3.8439



91.5040, 5.6675, 2.1890



47.1570, 1.8946, -1.0147



21.9150, 45.8909, -19.2195



46.3720, 96.4446, -40.6682

Previews

White Background



This preview shows how the YUV color 100.1160, -5.9732, 2.5293 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 100.1160, -5.9732, 2.5293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

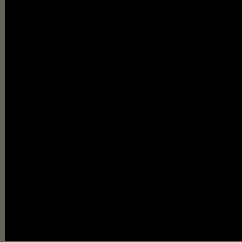
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.1160, -5.9732, 2.5293

Background



This preview shows how black text looks on a background with the YUV color 100.1160, -5.9732, 2.5293.



This preview shows how white text looks on a background with the YUV color 100.1160, -5.9732,

2.5293.

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

100.1160, -5.9732, 2.5293

Protanopia

100.1270, -5.9786, 4.2736

Deuteranopia

101.4700, -6.1477, 11.8658



Tritanopia

101.0050, 2.4625, 3.5036

Trichromacy



Original Color

100.1160, -5.9732, 2.5293

Protanomaly

99.8280, -5.8312, 3.6588

Deuteranomaly

100.8610, -5.8475, 8.8919

Tritanomaly

100.4950, -0.7370, 3.0739

Monochromacy



Original Color

100.1160, -5.9732, 2.5293

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.8430, -1.8946, 1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.1160, -5.9732, 2.5293 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, 101, 88)` looks like.

```
.text, #text, p{  
    color:rgb(103, 101, 88)  
}
```

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, 101, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 101, 88) }
```

Border

The CSS property to change the border of an element to YUV 100.1160, -5.9732, 2.5293 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, 101, 88) }
```


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

```
.border{ border-color:rgb(103, 101, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 101, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 101, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 101, 88);  
box-shadow:4px 4px 4px 4px rgb(103, 101,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 100.1160, -5.9732, 2.5293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 101, 88) }
```

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

```
.background{ background-color: rgb(103,  
101, 88) }
```

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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