

Converting Colors

YUV(100.0360, 8.8563, 6.1074)

Have a look what the booklet for
YUV(100.0360, 8.8563, 6.1074)
contains.

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Color

**YUV(100.0360, 8.8563,
6.1074)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5D76
RGB	107, 93, 118
RGB Percent	42%, 36%, 46%
CMY	0.5804, 0.6353, 0.5373
CMYK	0.09, 0.21, 0.00, 0.54
HSL	274°, 12%, 41%
HSV	274°, 21%, 46%
XYZ	13.2478, 12.2625, 18.8082
YIQ	100.0360, 0.3190, 10.7430

Conversions

Conversions Part 2

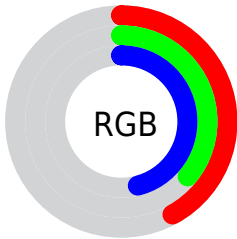
Format	Color
R_{YB}	107, 93, 118
Decimal	7036278
CIE _{Lab}	41.63, 10.84, -12.02
CIE _{LCh}	42, 16.184, 312.027
Yxy	12.2625, 0.2989, 0.2767
Android (android.graphics.Color)	4285226358 (0xFF6B5D76)
YUV	100.0360, 8.8563, 6.1074
Hunter-Lab	35.0179, 6.2479, -7.3323

Details

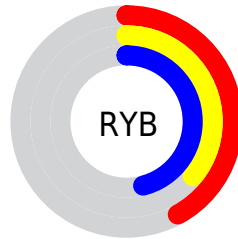
The YUV color **100.0360, 8.8563, 6.1074** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **110.9640, -8.8563, -6.1074**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.8620, 9.4350, 7.1370**, and **53.2100, 8.2775, 5.0778** is the 20% darker color. If you saturate the color by 10%, you get **91.4970, 13.0660, 9.2111**, and if you desaturate by 10%, it is **108.5750, 4.6465, 3.0037**.

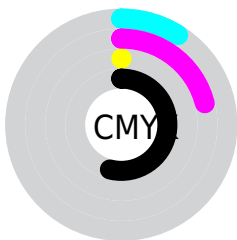
Distribution



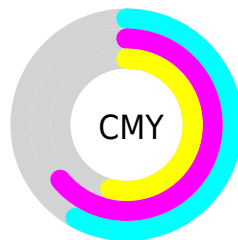
- Red (42%)
- Green (36%)
- Blue (46%)



- Red (42%)
- Yellow (36%)
- Blue (46%)



- Cyan (9%)
- Magenta (21%)
- Yellow (0%)
- Black (54%)



- Cyan (58%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.0360, 8.8563, 6.1074 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 100.0360, 8.8563, 6.1074 by changing the saturation by 10% instead.

■ 100.0360, 8.8563,
6.1074

■ 100.0360, 8.8563,
6.1074

255.0000, 0.0000,
0.0000

■ 75.9220, 8.4195,
6.2074

■ 150.8620, 9.4350,
7.1370

■ 53.2100, 8.2775,
5.0778

■ 177.8620, 9.4350,
7.1370

■ 31.6830, 7.5513,
4.6630

■ 204.9760, 9.8718,
7.0370

■ 8.4600, 9.1402,
8.3666

■ 233.3890, 10.1612,
7.5518

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2894,
0.5148

100.0360, 8.8563,
6.1074

100.0360, 8.8563,
6.1074

91.4970, 13.0660,
9.2111

108.5750, 4.6465,
3.0037

82.9580, 17.2757,
12.3148

117.1140, 0.4368,
-0.1000

74.7070, 21.3434,
14.2890

125.3650, -3.6309,
-2.0741

66.1680, 25.5532,
17.3927

133.9040, -7.8407,
-5.1778

57.6290, 29.7629,
20.4964

142.4430,
-12.0504, -8.2815

49.0900, 33.9726,
23.6001

150.9820,
-16.2601, -11.3852

40.5510, 38.1824,
26.7038


159.5210,
-20.4699, -14.4889

33.1860, 41.8133,

167.7720,

28.7779

-24.5376, -16.4630

 176.3110,
-28.7473, -19.5667

Harmonies

Analogous

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



98.2730, 12.6834, -8.1324



100.0360, 8.8563, 6.1074



100.9080, 3.0034, 16.7437

Triad

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



100.0360, 8.8563, 6.1074



98.4720, -12.5577, 14.4951



92.5020, 5.1755, -26.7503

Complementary

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



100.0360, 8.8563, 6.1074



110.9640, -8.8563, -6.1074

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.



93.7220, -1.8349, -18.1732



100.0360, 8.8563, 6.1074



97.1180, -12.3832, 5.1585

Square

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



100.0360, 8.8563, 6.1074



99.4280, -9.0850, 20.6726



95.6650, -8.7088, -6.7222



93.0980, 11.2907, -28.1499

Rectangle

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



100.0360, 8.8563, 6.1074



100.4910, -1.2281, 20.6174



95.6650, -8.7088, -6.7222



92.9430, 2.9861, -24.5060

Sweetspot

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



100.0360, 8.8563, 6.1074



146.5210, 3.1941, 2.1741



102.3070, 7.7366, -8.1622



72.5810, 2.1786, 1.2445



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.



100.0360, 8.8563, 6.1074



125.6110, 13.5028, 9.1112



103.2110, 6.7980, 12.9700



54.5810, 2.1786, 1.2445



34.5390, 43.1183, 30.2223



70.3600, 88.5625, 61.0743

Inverse Universe

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



101.7290, 1.1196, 14.2697



128.3000, 1.8241, 21.6619



107.7890, -6.7980, -12.9700



55.0220, -0.0108, 3.4887



42.6340, 5.6034, 69.6040



87.2900, 11.1960, 142.6967

Previews

White Background



This preview shows how the YUV color 100.0360, 8.8563, 6.1074 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 100.0360, 8.8563, 6.1074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

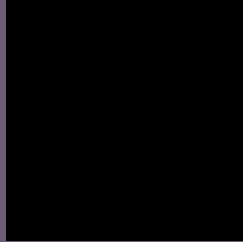
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.0360, 8.8563, 6.1074

Background



This preview shows how black text looks on a background with the YUV color 100.0360, 8.8563, 6.1074.



This preview shows how white text looks on a background with the YUV color 100.0360, 8.8563,

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

100.0360, 8.8563, 6.1074

Protanopia

98.5400, 11.0728, -4.8586

Deuteranopia

98.9920, 8.8779, -0.8700



Tritanopia

99.4890, 1.7309, 4.8331

Trichromacy



Original Color

100.0360, 8.8563, 6.1074

Protanomaly

99.3340, 10.1883, -1.1699

Deuteranomaly

99.3020, 8.7251, 1.4891

Tritanomaly

99.7710, 4.0569, 5.4628

Monochromacy



Original Color

100.0360, 8.8563, 6.1074

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.9340, 3.4835, 2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.0360, 8.8563, 6.1074 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(107, 93, 118)` looks like.

```
.text, #text, p{  
    color:rgb(107, 93, 118)  
}
```

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(107, 93, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 93, 118) }
```

Border

The CSS property to change the border of an element to YUV 100.0360, 8.8563, 6.1074 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(107, 93, 118) }
```


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

```
.border{ border-color:rgb(107, 93, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 93, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 93, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 93, 118);  
box-shadow:4px 4px 4px 4px rgb(107, 93,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 100.0360, 8.8563, 6.1074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 93, 118) }
```

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

```
.background{ background-color: rgb(107, 93,  
118) }
```

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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