

Converting Colors

YUV(103.6120, 11.5303,
-58.4187)

Have a look what the booklet for
YUV(103.6120, 11.5303, -58.4187)
contains.

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Color

**YUV(103.6120, 11.5303,
-58.4187)**

Conversions

Conversions Part 1

Format	Color
Hex	25857F
RGB	37, 133, 127
RGB Percent	15%, 52%, 50%
CMY	0.8549, 0.4784, 0.5020
CMYK	0.72, 0.00, 0.05, 0.48
HSL	176°, 56%, 33%
HSV	176°, 72%, 52%
XYZ	12.9812, 18.7007, 23.0041
YIQ	103.6120, -55.2900, -22.2180

Conversions

Conversions Part 2

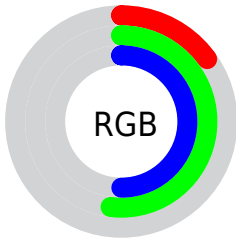
Format	Color
R_{YB}	37, 87, 133
Decimal	2459007
CIE _{Lab}	50.34, -28.44, -4.75
CIE _{LCh}	50, 28.830, 189.478
Yxy	18.7007, 0.2374, 0.3420
Android (android.graphics.Color)	4280649087 (0xFF25857F)
YUV	103.6120, 11.5303, -58.4187
Hunter-Lab	43.2443, -22.0946, -1.2687

Details

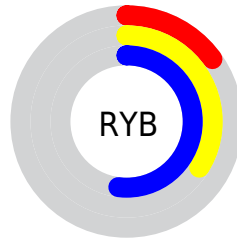
The YUV color **103.6120, 11.5303, -58.4187** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **66.3880, -11.5303, 58.4187**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.2920, 10.2090, -54.6301**, and **57.6130, 10.0508, -50.5266** is the 20% darker color. If you saturate the color by 10%, you get **99.6110, 13.0098, -66.3108**, and if you desaturate by 10%, it is **107.6130, 10.0508, -50.5266**.

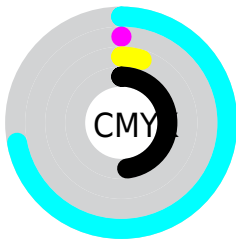
Distribution



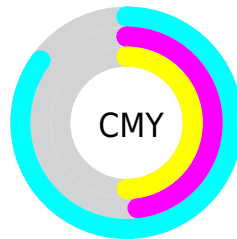
- Red (15%)
- Green (52%)
- Blue (50%)



- Red (15%)
- Yellow (34%)
- Blue (52%)



- Cyan (72%)
- Magenta (0%)
- Yellow (5%)
- Black (48%)



- Cyan (85%)
- Magenta (48%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.6120, 11.5303, -58.4187 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 103.6120, 11.5303, -58.4187 by changing the saturation by 10% instead.

■ 103.6120, 11.5303,
-58.4187

■ 103.6120, 11.5303,
-58.4187

■ 255.0000, 0.0000,
0.0000

■ 74.4370, 13.5886,
-65.2812

■ 159.2920, 10.2090,
-54.6301

■ 57.6130, 10.0508,
-50.5266

■ 187.4770, 9.6248,
-53.9153

■ 40.9030, 6.9498,
-35.8719

■ 215.4770, 9.6248,
-53.9153

■ 25.5950, 4.1437,
-22.4468

■ 233.1730, 10.7607,
-44.8787

■ 3.2430, 4.8102,
-2.8441

■ 241.8440, 6.4859,
-27.0502

■ 0.0000, 0.0000,
0.0000

■ 250.8140, 2.0637,

-8.6069

■ 103.6120, 11.5303,
-58.4187

■ 103.6120, 11.5303,
-58.4187

■ 99.6110, 13.0098,
-66.3108

■ 107.6130, 10.0508,
-50.5266

■ 95.3110, 14.6367,
-74.8177

■ 111.9130, 8.4239,
-42.0197

■ 92.3210, 16.1107,
-80.9655

■ 115.8000, 6.5076,
-34.0276

■ 119.8010, 5.0281,
-26.1355

■ 124.1010, 3.4012,
-17.6286

■ 128.1020, 1.9217,
-9.7365

■ 132.1030, 0.4422,
-1.8443

■ 136.1040, -1.0373,
6.0478

■ 140.2900, -3.1010,
14.6547

Harmonies

Analogous

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



110.3410, -4.1121, -34.5021



103.6120, 11.5303, -58.4187



99.6670, 24.8142, -72.4990

Triad

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



103.6120, 11.5303, -58.4187



122.9360, 17.2866, 8.8261



119.0300, -22.1998, 27.1607

Complementary

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



103.6120, 11.5303, -58.4187



66.3880, -11.5303, 58.4187

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.



120.9310, -15.2490, 37.7715



103.6120, 11.5303, -58.4187



123.1360, 7.3280, 29.6987

Square

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



103.6120, 11.5303, -58.4187



118.5950, 24.3567, -18.9388



122.1020, -4.4873, 39.3755



117.3930, -22.8717, 9.3023

Rectangle

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



103.6120, 11.5303, -58.4187



106.0370, 27.0968, -57.9144



122.1020, -4.4873, 39.3755



120.1060, -20.7583, 31.4790

Sweetspot

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



103.6120, 11.5303, -58.4187



161.4100, 4.7279, -23.1616



95.1460, -28.6660, -45.7320



79.8950, 2.5168, -13.9399



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



103.6120, 11.5303, -58.4187



127.1240, 18.1799, -91.3167



79.6420, 26.3055, -37.3970



64.2060, 0.8844, -3.6887



90.2180, 15.6685, -79.1212



1.9890, 0.0054, -1.7444

Inverse Universe

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



66.3880, -11.5303, 58.4187



68.8760, -18.1799, 91.3167



90.3580, -26.3055, 37.3970



61.7940, -0.8844, 3.6887



39.7820, -15.6685, 79.1212



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 103.6120, 11.5303, -58.4187 looks on a white 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

Black Background



This preview shows how the YUV color 103.6120, 11.5303, -58.4187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

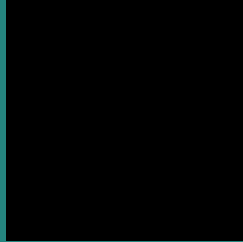
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 103.6120, 11.5303, -58.4187

Background



This preview shows how black text looks on a background with the YUV color 103.6120, 11.5303, -58.4187.



This preview shows how white text looks on a background with the YUV color 103.6120, 11.5303, -58.4187.

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

103.6120, 11.5303, -58.4187

Protanopia

118.8970, -0.4422, 1.8443

Deuteranopia

120.4010, 5.2253, 4.0333



Tritanopia

106.7250, 16.8976, -53.2558

Trichromacy



Original Color

103.6120, 11.5303, -58.4187

Protanomaly

112.9050, 3.9908, -20.0877

Deuteranomaly

114.2410, 7.7692, -18.6284

Tritanomaly

105.8450, 14.8664, -55.1151

Monochromacy



Original Color

103.6120, 11.5303, -58.4187

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.1930, 3.8489, -21.2173

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.6120, 11.5303, -58.4187 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(37, 133, 127)` looks like.

```
.text, #text, p{  
    color:rgb(37, 133, 127)  
}
```

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(37, 133, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 133, 127) }
```

Border

The CSS property to change the border of an element to YUV 103.6120, 11.5303, -58.4187 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(37, 133, 127) }
```


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

```
.border{ border-color:rgb(37, 133, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 133, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 133, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 133, 127);  
box-shadow:4px 4px 4px 4px rgb(37, 133,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 103.6120, 11.5303, -58.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 133, 127) }
```

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

```
.background{ background-color: rgb(37, 133,  
127) }
```

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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