

Converting Colors

YUV(100.7380, 27.2442,
-58.5292)

Have a look what the booklet for
YUV(100.7380, 27.2442, -58.5292)
contains.

YUV(100.7380, 27.2442, -58.5292)	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(100.7380, 27.2442,
-58.5292)**

Conversions

Conversions Part 1

Format	Color
Hex	227C9C
RGB	34, 124, 156
RGB Percent	13%, 49%, 61%
CMY	0.8667, 0.5137, 0.3882
CMYK	0.78, 0.21, 0.00, 0.39
HSL	196°, 64%, 37%
HSV	196°, 78%, 61%
XYZ	13.8681, 17.1557, 34.0329
YIQ	100.7380, -63.9120, -9.1280

Conversions

Conversions Part 2

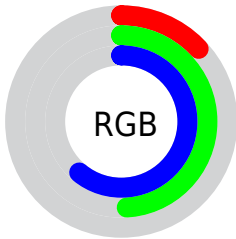
Format	Color
RYB	34, 86, 156
Decimal	2260124
CIELab	48.46, -14.60, -24.60
CIElCh	48, 28.606, 239.312
Yxy	17.1557, 0.2132, 0.2637
Android (android.graphics.Color)	4280450204 (0xFF227C9C)
YUV	100.7380, 27.2442, -58.5292
Hunter-Lab	41.4194, -12.7185, -19.7230

Details

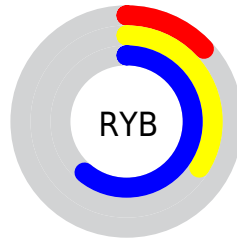
The YUV color **100.7380, 27.2442, -58.5292** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **89.2620, -27.2442, 58.5292**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2550, 26.4963, -51.9666**, and **55.9950, 24.1595, -49.1076** is the 20% darker color. If you saturate the color by 10%, you get **93.6060, 30.7602, -66.3065**, and if you desaturate by 10%, it is **107.8700, 23.7281, -50.7520**.

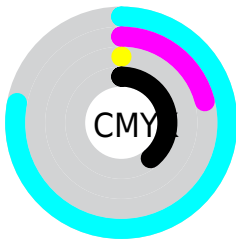
Distribution



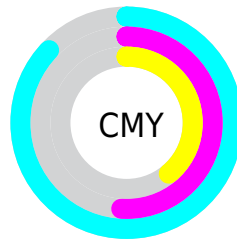
- Red (13%)
- Green (49%)
- Blue (61%)



- Red (13%)
- Yellow (34%)
- Blue (61%)



- Cyan (78%)
- Magenta (21%)
- Yellow (0%)
- Black (39%)



- Cyan (87%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.7380, 27.2442, -58.5292 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 100.7380, 27.2442, -58.5292 by changing the saturation by 10% instead.

■ 100.7380, 27.2442,
-58.5292

■ 100.7380, 27.2442,
-58.5292

■ 255.0000, 0.0000,
0.0000

■ 72.9330, 28.1340,
-63.9622

■ 157.2550, 26.4963,
-51.9666

■ 55.9950, 24.1595,
-49.1076

■ 184.9670, 26.6383,
-50.8371

■ 39.6440, 19.8955,
-34.7678

■ 211.8980, 21.2493,
-49.0225

■ 25.2820, 15.6370,
-22.1723

■ 234.0700, 10.3185,
-43.0344

■ 5.2780, 15.1459,
-4.6288

■ 242.7410, 6.0437,
-25.2059

■ 1.2540, 4.8048,
-1.0998

■ 251.7110, 1.6215,

■ 0.0000, 0.0000,

-6.7625

0.0000

■ 100.7380, 27.2442,
-58.5292

■ 100.7380, 27.2442,
-58.5292

■ 93.6060, 30.7602,
-66.3065

■ 107.8700, 23.7281,
-50.7520

■ 86.7730, 34.1289,
-73.4689

■ 114.7030, 20.3594,
-43.5895

■ 85.2890, 34.8605,
-74.7985

■ 121.8350, 16.8433,
-35.8123

■ 128.6680, 13.4747,
-28.6498

■ 135.8000, 9.9586,
-20.8726

■ 143.5190, 6.1531,
-13.6102

■ 150.3520, 2.7845,
-6.4477

■ 157.4840, -0.7316,
1.3295

■ 164.3170, -4.1003,
8.4920

Harmonies

Analogous

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



92.0750, 22.6410, -75.4878



100.7380, 27.2442, -58.5292



111.4690, 25.4048, -28.4753

Triad

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



100.7380, 27.2442, -58.5292



117.5300, -0.2613, 37.2462



110.9290, -19.1920, -4.3227

Complementary

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



100.7380, 27.2442, -58.5292



89.2620, -27.2442, 58.5292

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.



113.0240, -23.1828, 15.7650



100.7380, 27.2442, -58.5292



116.2670, -11.4706, 39.2308

Square

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



100.7380, 27.2442, -58.5292



118.6020, 10.5492, 23.1510



115.2200, -20.3215, 31.3791



107.5440, -8.6492, -25.9101

Rectangle

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



100.7380, 27.2442, -58.5292



115.4930, 22.4350, -9.2024



115.2200, -20.3215, 31.3791



111.5170, -20.9609, 3.0546

Sweetspot

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



100.7380, 27.2442, -58.5292



182.9030, 10.4008, -22.7169



109.0340, -22.2018, -65.8048



89.2200, 6.3005, -14.2249



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



100.7380, 27.2442, -58.5292



117.2420, 42.7717, -92.2972



65.5180, 44.6076, -27.6413



75.4340, 1.7580, -3.8886



77.9370, 32.0761, -68.3507



8.1670, 3.3687, -7.1625

Inverse Universe

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



80.7380, 21.3282, 66.0048



85.5960, 33.7232, 103.8403



124.4820, -44.6076, 27.6413



74.0760, 1.4415, 4.3183



54.7270, 24.7846, 77.4154



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 100.7380, 27.2442, -58.5292 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 100.7380, 27.2442, -58.5292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

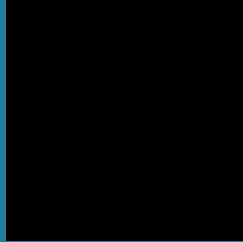
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.7380, 27.2442, -58.5292

Background



This preview shows how black text looks on a background with the YUV color 100.7380, 27.2442, -58.5292.

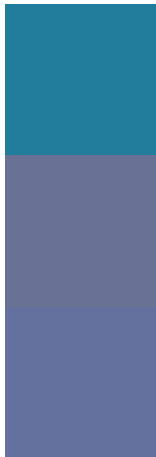


This preview shows how white text looks on a background with the YUV color 100.7380, 27.2442, -58.5292.

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

100.7380, 27.2442, -58.5292

Protanopia

114.5980, 16.4672, -8.4174

Deuteranopia

114.3570, 22.0090, -12.5911



Tritanopia

90.2810, 23.5255, -79.1764

Trichromacy



Original Color

100.7380, 27.2442, -58.5292

Protanomaly

109.5140, 20.4526, -26.7608

Deuteranomaly

109.4150, 23.9524, -29.3050

Tritanomaly

94.0800, 25.1036, -71.9842

Monochromacy



Original Color

100.7380, 27.2442, -58.5292

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.8000, 9.9586, -20.8726

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.7380, 27.2442, -58.5292 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(34, 124, 156)` looks like.

```
.text, #text, p{  
    color:rgb(34, 124, 156)  
}
```

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(34, 124, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 124, 156) }
```

Border

The CSS property to change the border of an element to YUV 100.7380, 27.2442, -58.5292 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(34, 124, 156) }
```


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

```
.border{ border-color:rgb(34, 124, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 124, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 124, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 124, 156);  
box-shadow:4px 4px 4px 4px rgb(34, 124,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 100.7380, 27.2442, -58.5292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 124, 156) }
```

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

```
.background{ background-color: rgb(34, 124,  
156) }
```

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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