

Converting Colors

XYZ(11.1200, 18.2132, 10.8583)

Have a look what the booklet for
XYZ(11.1200, 18.2132, 10.8583)
contains.

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Color

**XYZ(11.1303, 18.2173,
10.9123)**

Conversions

Conversions Part 1

Format	Color
Hex	2D8652
RGB	45, 134, 82
RGB Percent	18%, 53%, 32%
CMY	0.8235, 0.4745, 0.6784
CMYK	0.66, 0.00, 0.39, 0.47
HSL	145°, 50%, 35%
HSV	145°, 66%, 53%
XYZ	11.1303, 18.2173, 10.9123
YIQ	101.4610, -36.3520, -35.0400

Conversions

Conversions Part 2

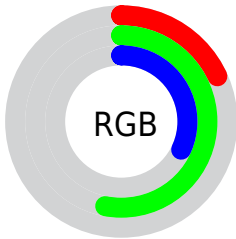
Format	Color
R_{YB}	45, 108, 134
Decimal	2983506
CIE _{Lab}	49.76, -38.82, 20.48
CIE _{LCh}	50, 43.891, 152.190
Yxy	18.2173, 0.2765, 0.4525
Android (android.graphics.Color)	4281173586 (0xFF2D8652)
YUV	101.4610, -9.5943, -49.5163
Hunter-Lab	42.6817, -28.1448, 14.7187

Details

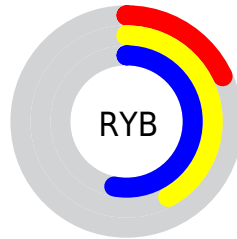
The XYZ color **11.1303, 18.2173, 10.9123** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **12.9282, 7.8086, 12.1358**, and the grayscale version is **12.5203, 13.1723, 14.3446**.

A 20% lighter version of the original color is **27.5149, 40.3991, 28.1774**, and **3.4117, 6.3139, 2.7080** is the 20% darker color. If you saturate the color by 10%, you get **10.3506, 17.8484, 9.4085**, and if you desaturate by 10%, it is **12.1321, 18.6978, 12.6048**.

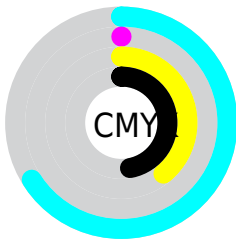
Distribution



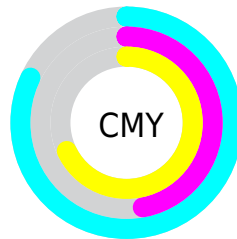
- Red (18%)
- Green (53%)
- Blue (32%)



- Red (18%)
- Yellow (42%)
- Blue (53%)



- Cyan (66%)
- Magenta (0%)
- Yellow (39%)
- Black (47%)



- Cyan (82%)
- Magenta (47%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1303, 18.2173, 10.9123 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 XYZ color 11.1303, 18.2173, 10.9123 by changing the saturation by 10% instead.

■ 11.1303, 18.2173,
10.9123

■ 11.1303, 18.2173,
10.9123

192.4492,
242.0930, 207.7807

■ 6.2225, 11.1061,
5.8945

■ 27.5317, 40.4073,
28.1320

■ 3.0228, 6.1383,
2.7133

■ 39.7560, 56.2548,
41.1710

■ 1.1658, 2.9293,
0.9501

■ 55.1498, 75.7833,
57.7208

■ 0.0791, 1.0949,
0.0000

■ 74.0785, 99.3770,
78.2000

■ 0.0000, 0.0000,
0.0000

■ 96.9074, 127.4205,
103.0270

■ 124.0019,

160.2980, 132.6204

155.7274,
198.3941, 167.3988

■ 11.1303, 18.2173,
10.9123

■ 11.1303, 18.2173,
10.9123

■ 10.3506, 17.8484,
9.4085

■ 12.1321, 18.6978,
12.6048

■ 9.7722, 17.5788,
8.0854

■ 13.3718, 19.2965,
14.4912

■ 9.3624, 17.3926,
6.9354

■ 14.8653, 20.0217,
16.5781

■ 9.2321, 17.3336,
6.5631

■ 16.6264, 20.8807,
18.8713

■ 18.6683, 21.8800,
21.3764

■ 21.0029, 23.0257,
24.0988

■ 23.6418, 24.3236,
27.0436

■ 26.5955, 25.7792,
30.2158

■ 29.8743, 27.3975,
33.6203

Harmonies

Analogous

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



13.3736, 18.2173, 6.0296



11.1303, 18.2173, 10.9123



10.4568, 18.2173, 20.7290

Triad

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



11.1303, 18.2173, 10.9123



17.6242, 18.2173, 52.9087



25.0533, 18.2173, 9.9202

Complementary

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



11.1303, 18.2173, 10.9123



12.9282, 7.8086, 12.1358

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.



26.6607, 18.2173, 18.9682



11.1303, 18.2173, 10.9123



21.9633, 18.2173, 46.4157

Square

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



11.1303, 18.2173, 10.9123



13.8269, 18.2173, 47.9848



25.4486, 18.2173, 32.6410



21.3453, 18.2173, 5.6403

Rectangle

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



11.1303, 18.2173, 10.9123



10.8839, 18.2173, 29.8701



25.4486, 18.2173, 32.6410



25.8819, 18.2173, 12.3452

Sweetspot

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



11.1308, 18.2180, 10.9127



31.3823, 37.8101, 35.8405



14.0797, 19.8595, 5.5740



6.8778, 8.4242, 7.8383



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.1308, 18.2180, 10.9127



17.6498, 31.1714, 15.2918



13.3159, 19.0921, 22.4197



4.6906, 5.2345, 5.3821



8.6567, 16.2455, 6.1774



0.0335, 0.0577, 0.0398

Inverse Universe

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



12.9282, 7.8086, 12.1358



21.0506, 11.3679, 17.5259



11.4339, 7.2109, 4.2672



4.7781, 4.7309, 5.4440



10.5176, 5.2714, 7.2980



0.0401, 0.0197, 0.0445

Previews

White Background



This preview shows how the XYZ color 11.1303, 18.2173, 10.9123 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 XYZ color 11.1303, 18.2173, 10.9123 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](#).

XYZ 11.1303, 18.2173, 10.9123

Background



This preview shows how black text looks on a background with the XYZ color 11.1303, 18.2173, 10.9123.



This preview shows how white text looks on a background with the XYZ color 11.1303, 18.2173,

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

11.1303, 18.2173, 10.9123

Protanopia

16.6505, 18.0541, 9.2638

Deuteranopia

18.2729, 17.9873, 11.5256



Tritanopia

14.2912, 18.1037, 26.7859

Trichromacy



Original Color

11.1303, 18.2173, 10.9123

Protanomaly

13.6198, 17.5620, 9.8797

Deuteranomaly

14.3028, 17.3339, 11.1863

Tritanomaly

12.9400, 18.1431, 19.9595

Monochromacy



Original Color

11.1303, 18.2173, 10.9123

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.3188, 14.3677, 12.7664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1303, 18.2173, 10.9123 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(45, 134, 82)` looks like.

```
.text, #text, p{  
    color:rgb(45, 134, 82)  
}
```

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(45, 134, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 134, 82) }
```

Border

The CSS property to change the border of an element to XYZ 11.1303, 18.2173, 10.9123 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(45, 134, 82) }
```


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

```
.border{ border-color:rgb(45, 134, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 134, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 134, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 134, 82);  
box-shadow:4px 4px 4px 4px rgb(45, 134,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1303, 18.2173, 10.9123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 134, 82) }
```

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

```
.background{ background-color: rgb(45, 134,  
82) }
```

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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