

Converting Colors

XYZ(10.8943, 20.1259, 6.5593)

Have a look what the booklet for
XYZ(10.8943, 20.1259, 6.5593)
contains.

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Color

**XYZ(10.8943, 20.1259,
6.5593)**

Conversions

Conversions Part 1

Format	Color
Hex	1B8F34
RGB	27, 143, 52
RGB Percent	11%, 56%, 20%
CMY	0.8941, 0.4392, 0.7961
CMYK	0.81, 0.00, 0.64, 0.44
HSL	133°, 68%, 33%
HSV	133°, 81%, 56%
XYZ	10.8943, 20.1259, 6.5593
YIQ	97.9420, -39.9250, -52.8930

Conversions

Conversions Part 2

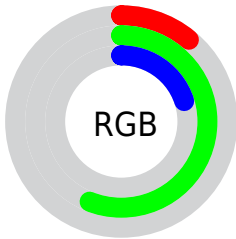
Format	Color
R_{YB}	27, 122, 143
Decimal	1806132
CIE _{Lab}	51.98, -50.13, 38.80
CIE _{LCh}	52, 63.397, 142.261
Yxy	20.1259, 0.2899, 0.5356
Android (android.graphics.Color)	4279996212 (0xFF1B8F34)
YUV	97.9420, -22.6494, -62.2161
Hunter-Lab	44.8619, -35.1612, 22.7345

Details

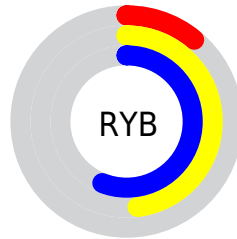
The XYZ color **10.8943, 20.1259, 6.5593** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **14.9902, 7.9318, 17.8808**, and the grayscale version is **11.6571, 12.2642, 13.3557**.

A 20% lighter version of the original color is **27.1066, 43.6746, 19.5718**, and **3.7411, 7.4822, 1.2470** is the 20% darker color. If you saturate the color by 10%, you get **10.3810, 19.8877, 5.3697**, and if you desaturate by 10%, it is **11.6528, 20.4847, 8.0748**.

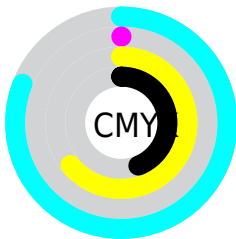
Distribution



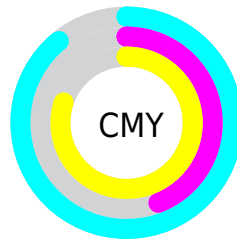
- Red (11%)
- Green (56%)
- Blue (20%)



- Red (11%)
- Yellow (48%)
- Blue (56%)



- Cyan (81%)
- Magenta (0%)
- Yellow (64%)
- Black (44%)





- Cyan (89%)
- Magenta (44%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.8943, 20.1259, 6.5593 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 10.8943, 20.1259, 6.5593 by changing the saturation by 10% instead.


 10.8943, 20.1259,
6.5593


 10.8943, 20.1259,
6.5593


190.8642,
252.5959, 173.4395


 6.0626, 12.4866,
3.1138


 27.0992, 43.6282,
19.5785


 2.9242, 7.0760,
1.1530


 39.2031, 60.2599,
29.9894


 1.1138, 3.5097,
0.0000

 54.4618, 80.6579,
43.5591

 0.0366, 1.4032,
0.0000

 73.2406, 105.2066,
60.7062

 0.0000, 0.2191,
0.0000

 95.9049, 134.2904,
81.8492

 0.0000, 0.0000,
0.0000

 122.8201,

168.2935, 107.4068

154.3514,
207.6006, 137.7973

■ 10.8943, 20.1259,
6.5593

■ 10.8943, 20.1259,
6.5593

■ 10.3810, 19.8877,
5.3697

■ 11.6528, 20.4847,
8.0748

■ 10.0678, 19.7437,
4.5643

■ 12.6824, 20.9754,
9.9366

■ 14.0075, 21.6106,
12.1648

■ 15.6490, 22.4006,
14.7778

■ 17.6260, 23.3551,
17.7924

■ 19.9561, 24.4828,
21.2249

■ 22.6555, 25.7916,
25.0902

■ 25.7396, 27.2893,
29.4028

■ 29.2228, 28.9829,
34.1763

Harmonies

Analogous

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



14.8004, 20.1259, 2.7295



10.8943, 20.1259, 6.5593



9.2750, 20.1259, 17.4655

Triad

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



10.8943, 20.1259, 6.5593



17.5053, 20.1259, 79.4092



33.0746, 20.1259, 11.0145

Complementary

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



10.8943, 20.1259, 6.5593



14.9902, 7.9318, 17.8808

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.



34.2586, 20.1259, 27.0595



10.8943, 20.1259, 6.5593



24.2288, 20.1259, 74.0461

Square

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



10.8943, 20.1259, 6.5593



12.4914, 20.1259, 63.7783



30.7239, 20.1259, 51.6795



27.7796, 20.1259, 4.1065

Rectangle

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



10.8943, 20.1259, 6.5593



9.3804, 20.1259, 30.3659



30.7239, 20.1259, 51.6795



34.0083, 20.1259, 15.1963

Sweetspot

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



10.8948, 20.1267, 6.5598



34.2501, 43.1231, 35.8404



17.7391, 23.7038, 4.6773



7.5467, 9.7402, 7.7658



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



10.8948, 20.1267, 6.5598



18.1245, 35.4027, 8.3108



12.9924, 20.9658, 17.6059



5.3875, 6.0472, 6.0065



8.9083, 17.4592, 4.0712



0.0921, 0.1697, 0.0752

Inverse Universe

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



14.9902, 7.9318, 17.8808



25.6315, 12.6930, 28.7988



12.5842, 6.9694, 5.2109



5.5772, 5.4914, 6.5374



12.6185, 6.2044, 14.1740



0.1286, 0.0625, 0.1776

Previews

White Background



This preview shows how the XYZ color 10.8943, 20.1259, 6.5593 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



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 10.8943, 20.1259, 6.5593

Background



This preview shows how black text looks on a background with the XYZ color 10.8943, 20.1259, 6.5593.



This preview shows how white text looks on a background with the XYZ color 10.8943, 20.1259,

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

10.8943, 20.1259, 6.5593

Protanopia

17.8926, 19.6815, 5.4406

Deuteranopia

20.1258, 19.7242, 7.0214



Tritanopia

15.6225, 20.1187, 29.8480

Trichromacy



Original Color

10.8943, 20.1259, 6.5593

Protanomaly

13.4459, 18.7201, 5.7010

Deuteranomaly

14.2628, 18.3429, 6.6597

Tritanomaly

13.0815, 19.6920, 18.1504

Monochromacy



Original Color

10.8943, 20.1259, 6.5593

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

10.1750, 14.0064, 9.9518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8943, 20.1259, 6.5593 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(27, 143, 52)` looks like.

```
.text, #text, p{  
    color:rgb(27, 143, 52)  
}
```

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(27, 143, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 143, 52) }
```

Border

The CSS property to change the border of an element to XYZ 10.8943, 20.1259, 6.5593 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(27, 143, 52) }
```


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

```
.border{ border-color:rgb(27, 143, 52) }
```

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

Here you see how a box with a 4 pixel rgb(27, 143, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 143, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 143, 52);  
box-shadow:4px 4px 4px 4px rgb(27, 143,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8943, 20.1259, 6.5593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 143, 52) }
```

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

```
.background{ background-color: rgb(27, 143,  
52) }
```

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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