

Converting Colors

XYZ(10.8759, 19.8996, 6.2854)

Have a look what the booklet for
XYZ(10.8759, 19.8996, 6.2854)
contains.

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Color

**XYZ(10.8759, 19.8996,
6.2854)**

Conversions

Conversions Part 1

Format	Color
Hex	218E32
RGB	33, 142, 50
RGB Percent	13%, 56%, 20%
CMY	0.8706, 0.4431, 0.8039
CMYK	0.77, 0.00, 0.65, 0.44
HSL	129°, 62%, 34%
HSV	129°, 77%, 56%
XYZ	10.8759, 19.8996, 6.2854
YIQ	98.9210, -35.4320, -51.7200

Conversions

Conversions Part 2

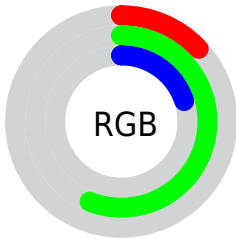
Format	Color
R_{YB}	33, 127, 142
Decimal	2199090
CIE _{Lab}	51.72, -49.17, 39.47
CIE _{LCh}	52, 63.051, 141.245
Yxy	19.8996, 0.2935, 0.5369
Android (android.graphics.Color)	4280389170 (0xFF218E32)
YUV	98.9210, -24.1181, -57.8127
Hunter-Lab	44.6090, -34.5465, 22.8723

Details

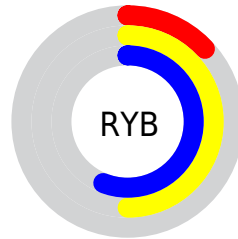
The XYZ color **10.8759, 19.8996, 6.2854** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **15.4013, 8.3194, 20.1961**, and the grayscale version is **11.9054, 12.5254, 13.6402**.

A 20% lighter version of the original color is **27.0904, 43.3394, 18.9941**, and **3.6562, 7.3123, 1.2187** is the 20% darker color. If you saturate the color by 10%, you get **10.2882, 19.6233, 5.0806**, and if you desaturate by 10%, it is **11.7241, 20.3036, 7.8568**.

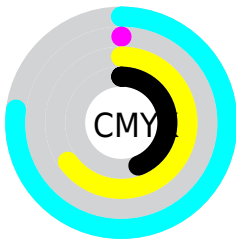
Distribution



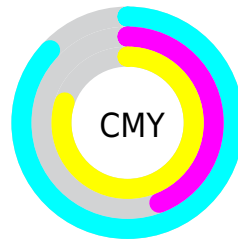
- Red (13%)
- Green (56%)
- Blue (20%)



- Red (13%)
- Yellow (50%)
- Blue (56%)



- Cyan (77%)
- Magenta (0%)
- Yellow (65%)
- Black (44%)





- Cyan (87%)
- Magenta (44%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.8759, 19.8996, 6.2854 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 10.8759, 19.8996, 6.2854 by changing the saturation by 10% instead.


 10.8759, 19.8996,
6.2854


 10.8759, 19.8996,
6.2854


190.7401,
251.3711, 170.9855


 6.0501, 12.3221,
2.9478


 27.0654, 43.2488,
19.0083


 2.9165, 6.9634,
1.0680


 39.1599, 59.7893,
29.2306


 1.1098, 3.4392,
0.0000

 54.4080, 80.0862,
42.5849

 0.0333, 1.3651,
0.0000

 73.1751, 104.5239,
59.4898

 0.0000, 0.1908,
0.0000

 95.8265, 133.4869,
80.3638

 0.0000, 0.0000,
0.0000

 122.7275,

167.3595, 105.6253

154.2436,
206.5261, 135.6930

■ 10.8759, 19.8996,
6.2854

■ 10.8759, 19.8996,
6.2854

■ 10.2882, 19.6233,
5.0806

■ 11.7241, 20.3036,
7.8568

■ 9.9178, 19.4512,
4.2109

■ 12.8578, 20.8457,
9.8198

■ 9.8197, 19.4053,
3.9947

■ 14.3003, 21.5382,
12.1989

■ 16.0725, 22.3913,
15.0162

■ 18.1931, 23.4142,
18.2921

■ 20.6796, 24.6155,
22.0459

■ 23.5482, 26.0032,
26.2956

■ 26.8142, 27.5849,
31.0584

■ 30.4920, 29.3675,
36.3506

Harmonies

Analogous

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



14.8114, 19.8996, 2.6554



10.8759, 19.8996, 6.2854



9.2027, 19.8996, 16.7520

Triad

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



10.8759, 19.8996, 6.2854



17.1092, 19.8996, 78.1663



32.7908, 19.8996, 11.2748

Complementary

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



10.8759, 19.8996, 6.2854



15.4013, 8.3194, 20.1961

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.



33.7969, 19.8996, 27.4608



10.8759, 19.8996, 6.2854



23.7117, 19.8996, 73.6086

Square

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



10.8759, 19.8996, 6.2854



12.2325, 19.8996, 62.1836



30.1718, 19.8996, 51.9033



27.6701, 19.8996, 4.2036

Rectangle

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



10.8759, 19.8996, 6.2854



9.2601, 19.8996, 29.2582



30.1718, 19.8996, 51.9033



33.6609, 19.8996, 15.5179

Sweetspot

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



10.8764, 19.9004, 6.2858



33.4474, 41.9472, 34.3337



18.5009, 23.8658, 5.0703



7.1719, 9.2248, 7.2144



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



10.8764, 19.9004, 6.2858



17.6503, 34.3743, 7.8057



12.7918, 20.6666, 16.3721



5.3751, 6.0423, 5.9410



8.8210, 17.4243, 3.6117



0.0896, 0.1687, 0.0621

Inverse Universe

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



15.4013, 8.3194, 20.1961



25.9453, 12.9169, 33.1372



12.8418, 7.2956, 6.7180



5.5906, 5.4968, 6.6082



13.0570, 6.3798, 16.4834



0.1311, 0.0635, 0.1908

Previews

White Background



This preview shows how the XYZ color 10.8759, 19.8996, 6.2854 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 XYZ color 10.8759, 19.8996, 6.2854 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 10.8759, 19.8996, 6.2854

Background



This preview shows how black text looks on a background with the XYZ color 10.8759, 19.8996, 6.2854.



This preview shows how white text looks on a background with the XYZ color 10.8759, 19.8996,

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

10.8759, 19.8996, 6.2854

Protanopia

17.8731, 19.6737, 5.3380

Deuteranopia

19.8875, 19.6074, 6.7394



Tritanopia

15.5359, 19.8787, 29.4037

Trichromacy



Original Color

10.8759, 19.8996, 6.2854



Protanomaly

13.6413, 18.8231, 5.6036



Deuteranomaly

14.3348, 18.3857, 6.4077



Tritanomaly

13.0868, 19.4910, 17.8242

Monochromacy



Original Color

10.8759, 19.8996, 6.2854



Achromatopsia

11.8596, 12.4772, 13.5877



Achromatomaly

10.5176, 14.3514, 10.0003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8759, 19.8996, 6.2854 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(33, 142, 50)` looks like.

```
.text, #text, p{  
    color:rgb(33, 142, 50)  
}
```

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(33, 142, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 142, 50) }
```

Border

The CSS property to change the border of an element to XYZ 10.8759, 19.8996, 6.2854 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(33, 142, 50) }
```


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

```
.border{ border-color:rgb(33, 142, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 142, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 142, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 142, 50);  
box-shadow:4px 4px 4px 4px rgb(33, 142,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8759, 19.8996, 6.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 142, 50) }
```

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

```
.background{ background-color: rgb(33, 142,  
50) }
```

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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