

Converting Colors

XYZ(21.3569, 31.4119, 22.3902)

Have a look what the booklet for
XYZ(21.3569, 31.4119, 22.3902)
contains.

XYZ(21.3569, 31.4119, 22.3902)	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

**XYZ(21.3569, 31.4119,
22.3902)**

Conversions

Conversions Part 1

Format	Color
Hex	58A877
RGB	88, 168, 119
RGB Percent	35%, 66%, 47%
CMY	0.6549, 0.3412, 0.5333
CMYK	0.48, 0.00, 0.29, 0.34
HSL	143°, 31%, 50%
HSV	143°, 48%, 66%
XYZ	21.3569, 31.4119, 22.3902
YIQ	138.4940, -31.9510, -32.1990

Conversions

Conversions Part 2

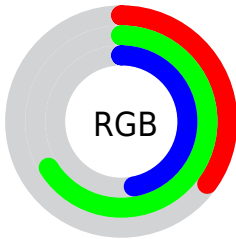
Format	Color
RYB	88, 146, 168
Decimal	5810295
CIELab	62.85, -35.91, 17.91
CIElCh	63, 40.129, 153.500
Yxy	31.4119, 0.2842, 0.4179
Android (android.graphics.Color)	4284000375 (0xFF58A877)
YUV	138.4940, -9.6105, -44.2832
Hunter-Lab	56.0463, -30.0622, 15.5464

Details

The XYZ color **21.3569, 31.4119, 22.3902** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **24.1546, 17.1111, 25.6978**, and the grayscale version is **24.3914, 25.6617, 27.9455**.

A 20% lighter version of the original color is **45.1617, 62.0024, 48.1155**, and **7.8319, 13.0107, 7.8929** is the 20% darker color. If you saturate the color by 10%, you get **19.3613, 30.4516, 19.2439**, and if you desaturate by 10%, it is **23.7875, 32.5905, 25.9076**.

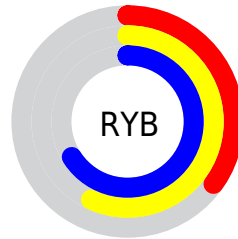
Distribution



Red (35%)

Green (66%)

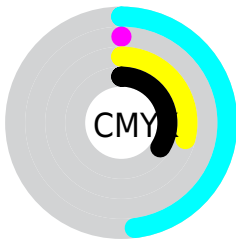
Blue (47%)



Red (35%)

Yellow (57%)

Blue (66%)

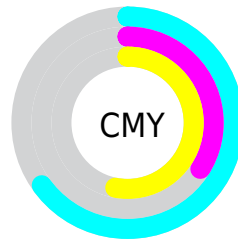


Cyan (48%)

Magenta (0%)

Yellow (29%)

Black (34%)



Cyan (65%)


Magenta (34%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.3569, 31.4119, 22.3902 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 21.3569, 31.4119, 22.3902 by changing the saturation by 10% instead.


 21.3569, 31.4119,
22.3902


 21.3569, 31.4119,
22.3902


251.8652,
308.4315, 277.5970


 13.4991, 20.9127,
13.9428


 45.1676, 61.8880,
48.3005


 7.8525, 13.0602,
7.9426


 61.8511, 82.6337,
66.6005

 4.0517, 7.4700,
3.9710


 82.2073, 107.5636,
89.0219

 1.7314, 3.7577,
1.6095

 106.6015,
137.0623, 115.9830

 0.4758, 1.5390,
0.2975

135.3990,
171.5140, 147.9026

 0.0000, 0.3159,
0.0000

168.9652,

 0.0000, 0.0000,

211.3031, 185.1991

0.0000

207.6655,
256.8142, 228.2910

■ 21.3569, 31.4119,
22.3902

■ 21.3569, 31.4119,
22.3902

■ 19.3613, 30.4516,
19.2439

■ 23.7875, 32.5905,
25.9076

■ 17.7707, 29.6917,
16.4542

■ 26.6759, 33.9962,
29.8057

■ 16.5548, 29.1177,
14.0086


■ 30.0459, 35.6420,
34.0964


■ 15.6777, 28.7115,
11.8933


■ 33.9192, 37.5389,
38.7904


■ 15.0830, 28.4442,
10.0924


■ 38.3158, 39.6969,
43.8981

 14.9603, 28.3893,
9.7074

 43.2549, 42.1258,
49.4295

 48.7546, 44.8347,
55.3940

 54.8321, 47.8322,
61.8010

 61.5039, 51.1268,
68.6595

Harmonies

Analogous

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



24.3915, 31.4119, 14.6532



21.3569, 31.4119, 22.3902



20.4958, 31.4119, 36.0845

Triad

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



21.3569, 31.4119, 22.3902



30.5063, 31.4119, 74.2125



39.5711, 31.4119, 20.0617

Complementary

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



21.3569, 31.4119, 22.3902



24.1546, 17.1111, 25.6978

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.



41.7041, 31.4119, 32.3865



21.3569, 31.4119, 22.3902



36.0814, 31.4119, 66.1836

Square

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



21.3569, 31.4119, 22.3902



25.3817, 31.4119, 69.0962



40.3552, 31.4119, 49.5738



34.8276, 31.4119, 13.6275

Rectangle

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



21.3569, 31.4119, 22.3902



21.1703, 31.4119, 47.7557



40.3552, 31.4119, 49.5738



40.6419, 31.4119, 23.4914

Sweetspot

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



21.3577, 31.4132, 22.3909



56.7798, 65.7805, 64.6515



26.1364, 34.0579, 14.4291



12.0692, 14.1874, 13.7152



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



21.3577, 31.4132, 22.3909



34.9946, 55.1904, 34.6903



24.2572, 32.5730, 37.6595



7.5526, 8.4541, 8.6301



11.3205, 21.4470, 7.4546



0.3006, 0.5319, 0.3138

Inverse Universe

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



24.1546, 17.1111, 25.6978



40.6707, 26.1004, 41.3540



21.8123, 16.1742, 13.3636



7.7169, 7.6166, 8.8263



14.0653, 7.0348, 10.4216



0.3661, 0.1807, 0.3795

Previews

White Background



This preview shows how the XYZ color 21.3569, 31.4119, 22.3902 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 21.3569, 31.4119, 22.3902 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 ✓ Pass

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

XYZ 21.3569, 31.4119, 22.3902

Background



This preview shows how black text looks on a background with the XYZ color 21.3569, 31.4119, 22.3902.



This preview shows how white text looks on a background with the XYZ color 21.3569, 31.4119,

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

21.3569, 31.4119, 22.3902

Protanopia

28.8361, 30.9623, 19.4954

Deuteranopia

31.4427, 30.8200, 23.3604



Tritanopia

25.8643, 31.3705, 44.7363

Trichromacy



Original Color

21.3569, 31.4119, 22.3902

Protanomaly

25.0859, 30.4797, 20.4806

Deuteranomaly

26.2318, 30.0272, 22.8256

Tritanomaly

24.0380, 31.4254, 35.3706

Monochromacy



Original Color

21.3569, 31.4119, 22.3902

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

22.5899, 27.1267, 25.5181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3569, 31.4119, 22.3902 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(88, 168, 119)` looks like.

```
.text, #text, p{  
    color:rgb(88, 168, 119)  
}
```

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(88, 168, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 168, 119) }
```

Border

The CSS property to change the border of an element to XYZ 21.3569, 31.4119, 22.3902 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(88, 168, 119) }
```


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

```
.border{ border-color:rgb(88, 168, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 168, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 168, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 168, 119);  
box-shadow:4px 4px 4px 4px rgb(88, 168,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3569, 31.4119, 22.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 168, 119) }
```

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

```
.background{ background-color: rgb(88, 168,  
119) }
```

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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