

Converting Colors

XYZ(22.9409, 30.0331, 36.9356)

Have a look what the booklet for
XYZ(22.9409, 30.0331, 36.9356)
contains.

XYZ(22.9409, 30.0331, 36.9356)	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(22.9409, 30.0331,
36.9356)**

Conversions

Conversions Part 1

Format	Color
Hex	58A19E
RGB	88, 161, 158
RGB Percent	35%, 63%, 62%
CMY	0.6549, 0.3686, 0.3804
CMYK	0.45, 0.00, 0.02, 0.37
HSL	178°, 29%, 49%
HSV	178°, 45%, 63%
XYZ	22.9409, 30.0331, 36.9356
YIQ	138.8310, -42.5450, -16.4090

Conversions

Conversions Part 2

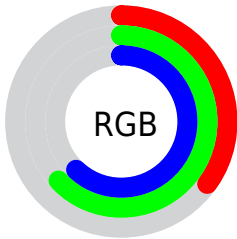
Format	Color
RYB	88, 125, 161
Decimal	5808542
CIELab	61.68, -23.53, -5.55
CIElCh	62, 24.174, 193.269
Yxy	30.0331, 0.2552, 0.3340
Android (android.graphics.Color)	4283998622 (0xFF58A19E)
YUV	138.8310, 9.4503, -44.5788
Hunter-Lab	54.8025, -21.1823, -1.5984

Details

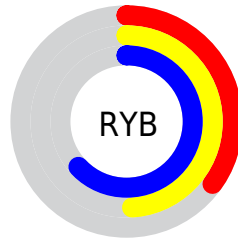
The XYZ color **22.9409, 30.0331, 36.9356** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.0770, 15.3126, 11.7960**, and the grayscale version is **24.4529, 25.7263, 28.0160**.

A 20% lighter version of the original color is **47.8938, 59.7555, 71.9605**, and **8.6876, 12.2901, 15.8243** is the 20% darker color. If you saturate the color by 10%, you get **21.5254, 29.3107, 36.5733**, and if you desaturate by 10%, it is **24.6951, 30.9315, 37.3167**.

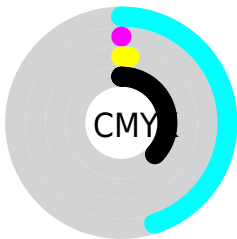
Distribution



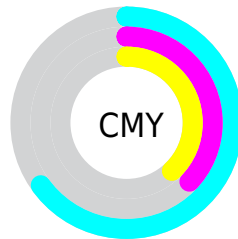
- Red (35%)
- Green (63%)
- Blue (62%)



- Red (35%)
- Yellow (49%)
- Blue (63%)



- Cyan (45%)
- Magenta (0%)
- Yellow (2%)
- Black (37%)



- Cyan (65%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9409, 30.0331, 36.9356 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 22.9409, 30.0331, 36.9356 by changing the saturation by 10% instead.

■ 22.9409, 30.0331,
36.9356

■ 22.9409, 30.0331,
36.9356

259.9623,
302.0587, 348.1919

■ 14.6703, 19.8637,
24.8622

■ 47.7636, 59.7145,
71.6589

■ 8.6731, 12.2960,
15.7564

■ 65.0465, 79.9953,
95.1460

■ 4.5840, 6.9456,
9.1994

■ 86.0642, 104.4154,
123.2747

■ 2.0375, 3.4281,
4.7729

■ 111.1821,
133.3592, 156.4636

■ 0.6549, 1.3591,
2.0582

140.7655,
167.2110, 195.1313

■ 0.0000, 0.1863,
0.5907

175.1797,

■ 0.0000, 0.0000,

206.3553, 239.6961

0.0000

214.7902,
251.1764, 290.5769

■ 22.9409, 30.0331,
36.9356

■ 22.9409, 30.0331,
36.9356

■ 21.5254, 29.3107,
36.5733

■ 24.6951, 30.9315,
37.3167

■ 20.4235, 28.7491,
36.2266

■ 26.8056, 32.0129,
37.7154

■ 19.6109, 28.3368,
35.8951


■ 29.2921, 33.2881,
38.1333


■ 19.0588, 28.0586,
35.5773

■ 32.1721, 34.7661,
38.5712

■ 18.7297, 27.8954,
35.2716


■ 35.4619, 36.4553,
39.0299

 18.6100, 27.8366,
35.1313

 39.1769, 38.3636,
39.5101

 43.3317, 40.4987,
40.0126

 47.9403, 42.8676,
40.5379

 53.0159, 45.4774,
41.0866

Harmonies

Analogous

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



23.0246, 30.0331, 27.8637



22.9409, 30.0331, 36.9356



24.2762, 30.0331, 46.4008

Triad

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



22.9409, 30.0331, 36.9356



32.9964, 30.0331, 47.3627



30.3627, 30.0331, 18.5060

Complementary

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



22.9409, 30.0331, 36.9356



20.0770, 15.3126, 11.7960

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.



33.2883, 30.0331, 22.0040



22.9409, 30.0331, 36.9356



34.8853, 30.0331, 38.0679

Square

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



22.9409, 30.0331, 36.9356



29.9882, 30.0331, 53.1397



34.9959, 30.0331, 28.8030



27.1499, 30.0331, 18.3172

Rectangle

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



22.9409, 30.0331, 36.9356



25.8539, 30.0331, 51.2015



34.9959, 30.0331, 28.8030



31.4179, 30.0331, 19.2990

Sweetspot

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



22.9418, 30.0343, 36.9363



52.9793, 59.8814, 68.3735



18.8859, 28.4529, 13.7296



11.4050, 13.0230, 14.9612



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.9418, 30.0343, 36.9363



38.6224, 52.5285, 65.5179



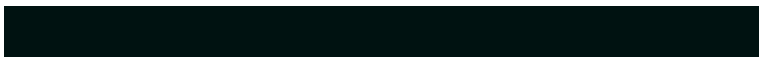
18.1971, 20.1264, 36.6453



7.2635, 8.0062, 8.9992



14.8665, 22.2329, 28.0771



0.3160, 0.4686, 0.6089

Inverse Universe

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



20.0770, 15.3126, 11.7960



32.8633, 22.9059, 14.9573



23.2796, 21.9210, 12.2373



7.0850, 7.0905, 7.4342



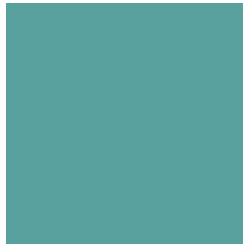
11.7716, 6.0647, 0.7218



0.2507, 0.1288, 0.0327

Previews

White Background



This preview shows how the XYZ color 22.9409, 30.0331, 36.9356 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 22.9409, 30.0331, 36.9356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

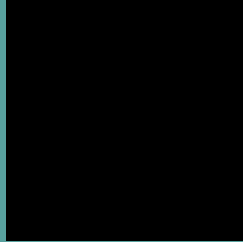
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 22.9409, 30.0331, 36.9356

Background



This preview shows how black text looks on a background with the XYZ color 22.9409, 30.0331, 36.9356.

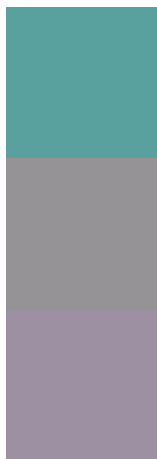


This preview shows how white text looks on a background with the XYZ color 22.9409, 30.0331,

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

22.9409, 30.0331, 36.9356

Protanopia

28.5164, 29.5535, 33.0556

Deuteranopia

30.2051, 29.6231, 38.3083



Tritanopia

24.2582, 30.0501, 43.5514

Trichromacy



Original Color

22.9409, 30.0331, 36.9356

Protanomaly

25.7304, 29.2684, 34.4302

Deuteranomaly

26.6994, 29.2112, 37.9493

Tritanomaly

23.8602, 30.1558, 41.1223

Monochromacy



Original Color

22.9409, 30.0331, 36.9356

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.3678, 26.9358, 31.1617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9409, 30.0331, 36.9356 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, 161, 158)` looks like.

```
.text, #text, p{  
    color:rgb(88, 161, 158)  
}
```

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, 161, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 161, 158) }
```

Border

The CSS property to change the border of an element to XYZ 22.9409, 30.0331, 36.9356 is called "border". The border property can be set on classes, ids or directly on the HTML element.

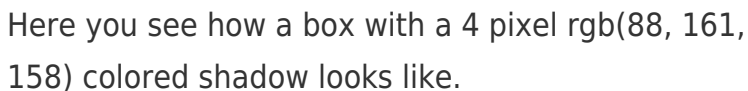
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(88, 161, 158) }
```


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

```
.border{ border-color:rgb(88, 161, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(88, 161, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 161, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 161, 158);  
box-shadow:4px 4px 4px 4px rgb(88, 161,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9409, 30.0331, 36.9356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 161, 158) }
```

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

```
.background{ background-color: rgb(88, 161,  
158) }
```

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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