

Converting Colors

XYZ(30.4426, 38.6180, 49.0166)

Have a look what the booklet for
XYZ(30.4426, 38.6180, 49.0166)
contains.

XYZ(30.5427, 38.7236, 49.0447)	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(30.5427, 38.7236,
49.0447)**

Conversions

Conversions Part 1

Format	Color
Hex	6CB3B4
RGB	108, 179, 180
RGB Percent	42%, 70%, 71%
CMY	0.5765, 0.2980, 0.2941
CMYK	0.40, 0.01, 0.00, 0.29
HSL	181°, 32%, 56%
HSV	181°, 40%, 71%
XYZ	30.5427, 38.7236, 49.0447
YIQ	157.8850, -42.6370, -14.7410

Conversions

Conversions Part 2

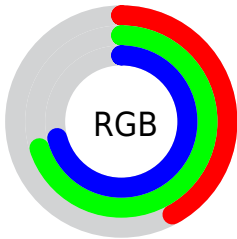
Format	Color
R _Y B	108, 144, 180
Decimal	7123892
CIE Lab	68.55, -21.97, -7.53
CIE LCh	69, 23.225, 198.930
Yxy	38.7236, 0.2582, 0.3273
Android (android.graphics.Color)	4285313972 (0xFF6CB3B4)
YUV	157.8850, 10.9027, -43.7491
Hunter-Lab	62.2283, -21.2887, -3.1691

Details

The XYZ color **30.5427, 38.7236, 49.0447** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.9985, 21.7240, 16.9586**, and the grayscale version is **32.4143, 34.1023, 37.1374**.

A 20% lighter version of the original color is **59.9529, 73.2593, 90.3375**, and **12.7598, 17.2109, 22.7282** is the 20% darker color. If you saturate the color by 10%, you get **28.5259, 37.6106, 48.9368**, and if you desaturate by 10%, it is **33.0139, 40.0728, 49.1755**.

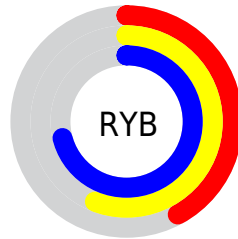
Distribution



Red (42%)

Green (70%)

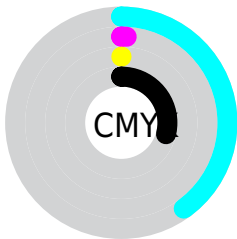
Blue (71%)



Red (42%)

Yellow (56%)

Blue (71%)

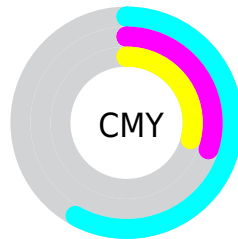


Cyan (40%)

Magenta (1%)

Yellow (0%)

Black (29%)



Cyan (58%)

Magenta (30%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5427, 38.7236, 49.0447 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 30.5427, 38.7236, 49.0447 by changing the saturation by 10% instead.

■ 30.5427, 38.7236,
49.0447

■ 30.5427, 38.7236,
49.0447

296.2906,
340.7139, 399.5458

■ 20.4010, 26.5448,
34.2891

■ 59.9001, 73.2159,
90.1395

■ 12.7968, 17.2316,
22.8366

■ 79.8466, 96.2981,
117.3158

■ 7.3648, 10.3998,
14.2687

■ 103.7919,
123.7836, 149.4694

■ 3.7396, 5.6648,
8.1669

■ 132.1016,
156.0568, 187.0188

■ 1.5559, 2.6424,
4.1127

165.1410,
193.5020, 230.3826

■ 0.3634, 0.9480,
1.6873

203.2754,

■ 0.0000, 0.0000,

236.5037, 279.9794

0.3520

246.8701,
285.4462, 336.2276

■ 0.0000, 0.0000,
0.0000

■ 30.5427, 38.7236,
49.0447

■ 30.5427, 38.7236,
49.0447

■ 28.5259, 37.6106,
48.9368

■ 33.0139, 40.0728,
49.1755

■ 26.9319, 36.7148,
48.8479

■ 35.9616, 41.6669,
49.3279

■ 25.7309, 36.0218,
48.7775


■ 39.4107, 43.5195,
49.5037


■ 24.8873, 35.5131,
48.7237


■ 43.3833, 45.6422,
49.7040

■ 24.3596, 35.1674,
48.6848


■ 47.9002, 48.0456,
49.9299


 24.0606, 34.9397,
48.6566

 52.9811, 50.7400,
50.1821

 24.0605, 34.9397,
48.6566

 58.6447, 53.7348,
50.4617

 64.9088, 57.0393,
50.7694

 66.0530, 57.7046,
50.8375

Harmonies

Analogous

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



30.3228, 38.7236, 38.4110



30.5427, 38.7236, 49.0447



32.3735, 38.7236, 59.2543

Triad

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



30.5427, 38.7236, 49.0447



42.3695, 38.7236, 56.8375



38.1734, 38.7236, 25.3171

Complementary

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



30.5427, 38.7236, 49.0447



26.9985, 21.7240, 16.9586

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.



41.6249, 38.7236, 28.7222



30.5427, 38.7236, 49.0447



44.1522, 38.7236, 46.1526

Square

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



30.5427, 38.7236, 49.0447



39.1359, 38.7236, 64.2431



43.8710, 38.7236, 35.9579



34.5698, 38.7236, 25.8293

Rectangle

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



30.5427, 38.7236, 49.0447



34.3334, 38.7236, 63.9027



43.8710, 38.7236, 35.9579



39.3938, 38.7236, 26.0155

Sweetspot

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



30.5438, 38.7251, 49.0456



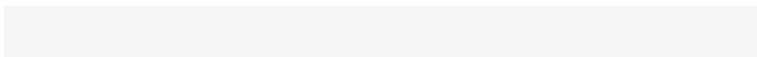
69.9984, 78.1262, 89.6852



25.2133, 36.9142, 19.9847



14.9515, 16.7905, 19.3751



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.5438, 38.7251, 49.0456



52.1124, 68.4117, 88.7528



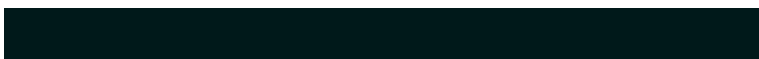
24.3968, 26.4310, 46.9966



8.7324, 9.6109, 10.9012



16.7968, 24.3940, 33.9602



0.5317, 0.7739, 1.0696

Inverse Universe

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



32.3226, 23.6842, 45.5173



55.8011, 37.3967, 81.3969



31.5033, 30.7335, 18.4601



8.8449, 8.6447, 10.6814



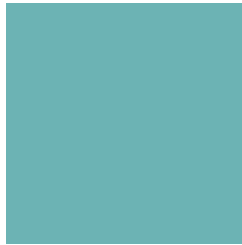
18.7129, 9.0027, 29.9778



0.5904, 0.2839, 0.9517

Previews

White Background



This preview shows how the XYZ color 30.5427, 38.7236, 49.0447 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 30.5427, 38.7236, 49.0447 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 30.5427, 38.7236, 49.0447

Background



This preview shows how black text looks on a background with the XYZ color 30.5427, 38.7236, 49.0447.

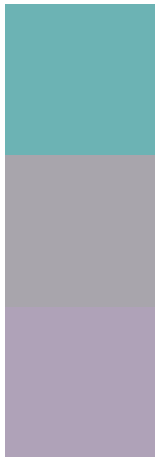


This preview shows how white text looks on a background with the XYZ color 30.5427, 38.7236,

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

30.5427, 38.7236, 49.0447

Protanopia

37.0500, 38.2137, 44.4530

Deuteranopia

39.2513, 38.4153, 50.6935



Tritanopia

31.7921, 38.6296, 55.6498

Trichromacy



Original Color

30.5427, 38.7236, 49.0447

Protanomaly

33.9666, 37.9556, 46.0934

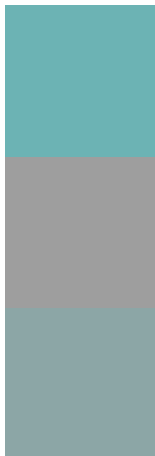
Deuteranomaly

35.3124, 38.0035, 50.2740

Tritanomaly

31.4279, 38.7866, 53.4071

Monochromacy



Original Color

30.5427, 38.7236, 49.0447

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.3344, 35.6011, 41.2966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5427, 38.7236, 49.0447 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(108, 179, 180)` looks like.

```
.text, #text, p{  
    color:rgb(108, 179, 180)  
}
```

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(108, 179, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 179, 180) }
```

Border

The CSS property to change the border of an element to XYZ 30.5427, 38.7236, 49.0447 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(108, 179, 180) }
```


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

```
.border{ border-color:rgb(108, 179, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 179, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 179, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 179, 180);  
box-shadow:4px 4px 4px 4px rgb(108, 179,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5427, 38.7236, 49.0447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 179, 180) }
```

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

```
.background{ background-color: rgb(108,  
179, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor