

Converting Colors

XYZ(30.8816, 39.0775, 51.0430)

Have a look what the booklet for
XYZ(30.8816, 39.0775, 51.0430)
contains.

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Color

**XYZ(30.9168, 39.1674,
51.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	6AB4B8
RGB	106, 180, 184
RGB Percent	42%, 71%, 72%
CMY	0.5843, 0.2941, 0.2784
CMYK	0.42, 0.02, 0.00, 0.28
HSL	183°, 35%, 57%
HSV	183°, 42%, 72%
XYZ	30.9168, 39.1674, 51.2780
YIQ	158.3300, -45.3880, -14.4440

Conversions

Conversions Part 2

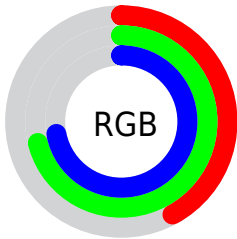
Format	Color
R _Y B	106, 144, 184
Decimal	6993080
CIE Lab	68.87, -21.96, -9.27
CIE LCh	69, 23.841, 202.888
Yxy	39.1674, 0.2547, 0.3227
Android (android.graphics.Color)	4285183160 (0xFF6AB4B8)
YUV	158.3300, 12.6553, -45.8934
Hunter-Lab	62.5839, -21.3417, -4.7705

Details

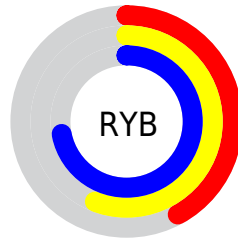
The XYZ color **30.9168, 39.1674, 51.2780** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.9451, 22.3832, 16.4839**, and the grayscale version is **32.6092, 34.3074, 37.3608**.

A 20% lighter version of the original color is **60.4216, 73.8592, 93.5098**, and **13.0015, 17.4955, 24.1645** is the 20% darker color. If you saturate the color by 10%, you get **28.7710, 37.7804, 51.1241**, and if you desaturate by 10%, it is **33.5354, 40.8019, 51.4562**.

Distribution



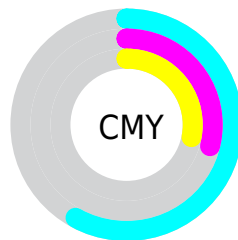
- Red (42%)
- Green (71%)
- Blue (72%)



- Red (42%)
- Yellow (56%)
- Blue (72%)



- Cyan (42%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (58%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9168, 39.1674, 51.2780 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 30.9168, 39.1674, 51.2780 by changing the saturation by 10% instead.

■ 30.9168, 39.1674,
51.2780

■ 30.9168, 39.1674,
51.2780

297.9886,
342.6017, 408.5203

■ 20.6870, 26.8900,
36.0516

■ 60.4858, 73.8940,
93.4813

■ 13.0066, 17.4906,
24.1841

■ 80.5557, 97.1119,
121.2953

■ 7.5101, 10.5849,
15.2568

■ 104.6364,
124.7455, 154.1422

■ 3.8323, 5.7885,
8.8512

■ 133.0932,
157.1791, 192.4407

■ 1.6077, 2.7169,
4.5487

166.2914,
194.7971, 236.6092

■ 0.3974, 0.9858,
1.9310

204.5965,

■ 0.0000, 0.0000,

237.9840, 287.0662

0.5123

248.3738,
287.1240, 344.2304

■ 0.0000, 0.0000,
0.0000

■ 30.9168, 39.1674,
51.2780

■ 30.9168, 39.1674,
51.2780

■ 28.7710, 37.7804,
51.1241

■ 33.5354, 40.8019,
51.4562

■ 27.0642, 36.6207,
50.9902

■ 36.6508, 42.6935,
51.6571

■ 25.7637, 35.6724,
50.8757

■ 40.2898, 44.8569,
51.8829

■ 24.8307, 34.9155,
50.7788

■ 44.4760, 47.3044,
52.1346

■ 24.2190, 34.3261,
50.6972

■ 49.2317, 50.0474,
52.4134

■ 23.8982, 33.9535,
50.6422

■ 54.5780, 53.0968,
52.7202

■ 60.5347, 56.4629,
53.0560

■ 67.1210, 60.1555,
53.4216

■ 67.9803, 60.8976,
53.5196

Harmonies

Analogous

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



30.4622, 39.1674, 40.1176



30.9168, 39.1674, 51.2780



33.0064, 39.1674, 61.5220

Triad

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



30.9168, 39.1674, 51.2780



43.3383, 39.1674, 56.5004



38.1359, 39.1674, 25.1266

Complementary

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



30.9168, 39.1674, 51.2780



27.9451, 22.3832, 16.4839

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.



41.7939, 39.1674, 28.0905



30.9168, 39.1674, 51.2780



44.9267, 39.1674, 45.2798

Square

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



30.9168, 39.1674, 51.2780



40.1305, 39.1674, 64.8761



44.3432, 39.1674, 35.0426



34.4679, 39.1674, 26.1817

Rectangle

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



30.9168, 39.1674, 51.2780



35.1267, 39.1674, 65.8309



44.3432, 39.1674, 35.0426



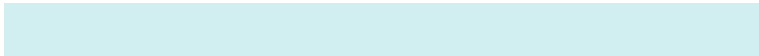
39.4103, 39.1674, 25.6662

Sweetspot

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



30.9180, 39.1689, 51.2789



72.4523, 80.9705, 94.0148



25.8941, 38.4695, 20.7847



15.2925, 17.2624, 20.2476



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.9180, 39.1689, 51.2789



52.3427, 68.6107, 92.6890



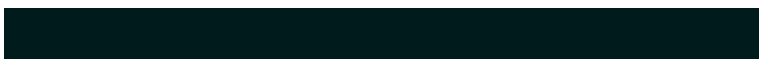
24.1360, 25.6050, 49.0183



9.2262, 10.1296, 11.5484



16.4864, 23.4324, 34.9071



0.5933, 0.8503, 1.2346

Inverse Universe

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



33.1603, 23.7946, 46.0268



57.0177, 37.2092, 81.5932



33.1011, 32.6950, 18.2026



9.3605, 9.1546, 11.2459



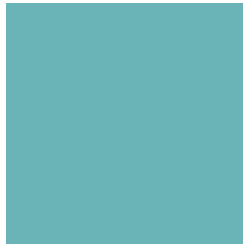
18.9352, 9.1479, 28.6094



0.6736, 0.3249, 1.0408

Previews

White Background



This preview shows how the XYZ color 30.9168, 39.1674, 51.2780 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 30.9168, 39.1674, 51.2780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

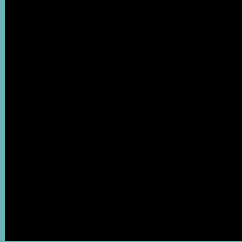
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.9168, 39.1674, 51.2780

Background



This preview shows how black text looks on a background with the XYZ color 30.9168, 39.1674, 51.2780.



This preview shows how white text looks on a background with the XYZ color 30.9168, 39.1674,

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

30.9168, 39.1674, 51.2780

Protanopia

37.6211, 38.7319, 46.5674

Deuteranopia

39.6299, 38.8239, 52.9820



Tritanopia

32.0524, 39.3417, 56.3564

Trichromacy



Original Color

30.9168, 39.1674, 51.2780

Protanomaly

34.3766, 38.4002, 48.2480

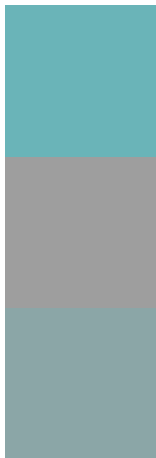
Deuteranomaly

35.5520, 38.3534, 52.5429

Tritanomaly

31.5987, 39.1460, 54.6057

Monochromacy



Original Color

30.9168, 39.1674, 51.2780

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.2587, 35.5514, 41.7738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9168, 39.1674, 51.2780 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(106, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(106, 180, 184)  
}
```

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(106, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 180, 184) }
```

Border

The CSS property to change the border of an element to XYZ 30.9168, 39.1674, 51.2780 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(106, 180, 184) }
```


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

```
.border{ border-color:rgb(106, 180, 184) }
```

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

Here you see how a box with a 4 pixel rgb(106, 180, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(106, 180,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9168, 39.1674, 51.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 180, 184) }
```

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

```
.background{ background-color: rgb(106,  
180, 184) }
```

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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