

Converting Colors

XYZ(30.1420, 37.6755, 48.0672)

Have a look what the booklet for
XYZ(30.1420, 37.6755, 48.0672)
contains.

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Color

**XYZ(30.2176, 37.6848,
48.3291)**

Conversions

Conversions Part 1

Format	Color
Hex	6FB0B3
RGB	111, 176, 179
RGB Percent	44%, 69%, 70%
CMY	0.5647, 0.3098, 0.2980
CMYK	0.38, 0.02, 0.00, 0.30
HSL	183°, 31%, 57%
HSV	183°, 38%, 70%
XYZ	30.2176, 37.6848, 48.3291
YIQ	156.9070, -39.7030, -12.8470

Conversions

Conversions Part 2

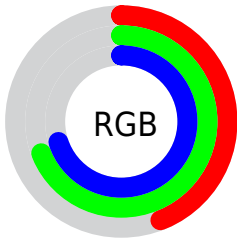
Format	Color
RYB	111, 144, 179
Decimal	7319731
CIELab	67.79, -19.90, -8.10
CIELCh	68, 21.486, 202.149
Yxy	37.6848, 0.2600, 0.3242
Android (android.graphics.Color)	4285509811 (0xFF6FB0B3)
YUV	156.9070, 10.8918, -40.2604
Hunter-Lab	61.3879, -19.5641, -3.7059

Details

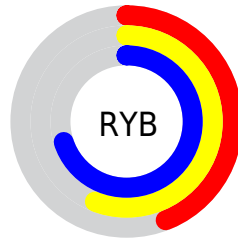
The XYZ color **30.2176, 37.6848, 48.3291** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.4777, 22.7667, 17.9862**, and the grayscale version is **31.9723, 33.6374, 36.6311**.

A 20% lighter version of the original color is **59.5779, 71.8184, 89.3195**, and **12.5362, 16.5421, 22.2709** is the 20% darker color. If you saturate the color by 10%, you get **28.0331, 36.3305, 48.1835**, and if you desaturate by 10%, it is **32.8566, 39.2766, 48.4979**.

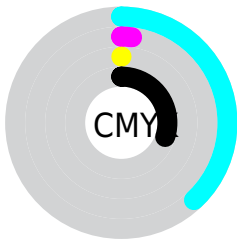
Distribution



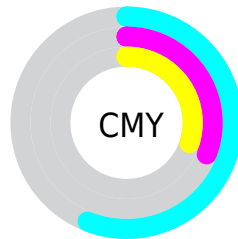
- Red (44%)
- Green (69%)
- Blue (70%)



- Red (44%)
- Yellow (56%)
- Blue (70%)



- Cyan (38%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)



- Cyan (56%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2176, 37.6848, 48.3291 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 30.2176, 37.6848, 48.3291 by changing the saturation by 10% instead.

■ 30.2176, 37.6848,
48.3291

■ 30.2176, 37.6848,
48.3291

294.8091,
336.2659, 396.6414

■ 20.1527, 25.7381,
33.7257

■ 59.3904, 71.6248,
89.0648

■ 12.6150, 16.6278,
22.4073

■ 79.2290, 94.3869,
116.0343

■ 7.2391, 9.9695,
13.9553

■ 103.0562,
121.5229, 147.9629

■ 3.6598, 5.3787,
7.9512

■ 131.2374,
153.4173, 185.2691

■ 1.5115, 2.4712,
3.9764

164.1380,
190.4543, 228.3715

■ 0.3336, 0.8621,
1.6124

202.1232,

■ 0.0000, 0.0000,

233.0186, 277.6887

0.2997

245.5584,
281.4943, 333.6391

■ 0.0000, 0.0000,
0.0000

■ 30.2176, 37.6848,
48.3291

■ 30.2176, 37.6848,
48.3291

■ 28.0331, 36.3305,
48.1835

■ 32.8566, 39.2766,
48.4979

■ 26.2726, 35.1951,
48.0571

■ 35.9715, 41.1142,
48.6884

■ 24.9071, 34.2648,
47.9495

■ 39.5866, 43.2109,
48.9026

■ 23.9029, 33.5220,
47.8591

■ 43.7234, 45.5779,
49.1414

■ 23.2201, 32.9462,
47.7839

■ 48.4022, 48.2257,
49.4059

■ 22.7953, 32.5048,
47.7211

■ 53.6421, 51.1642,
49.6969

■ 22.7202, 32.4215,
47.7090

■ 59.4615, 54.4026,
50.0153

■ 65.8778, 57.9502,
50.3619

■ 66.3323, 58.4257,
50.4297

Harmonies

Analogous

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



29.8514, 37.6848, 38.5820



30.2176, 37.6848, 48.3291



32.0371, 37.6848, 57.2528

Triad

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



30.2176, 37.6848, 48.3291



41.1068, 37.6848, 53.3228



36.6986, 37.6848, 25.4367

Complementary

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



30.2176, 37.6848, 48.3291



27.4777, 22.7667, 17.9862

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.



39.8858, 37.6848, 28.2073



30.2176, 37.6848, 48.3291



42.5316, 37.6848, 43.5843

Square

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



30.2176, 37.6848, 48.3291



38.2829, 37.6848, 60.4326



42.0714, 37.6848, 34.5097



33.4618, 37.6848, 26.3039

Rectangle

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



30.2176, 37.6848, 48.3291



33.8942, 37.6848, 61.0426



42.0714, 37.6848, 34.5097



37.8138, 37.6848, 25.9563

Sweetspot

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



30.2187, 37.6863, 48.3300



68.7268, 76.1356, 87.4545



25.6722, 36.8188, 21.4563



15.0318, 16.7552, 19.3641



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.



30.2187, 37.6863, 48.3300



50.6380, 65.3383, 86.3238



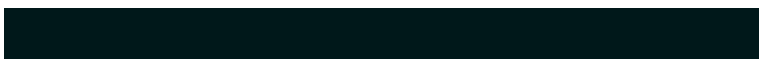
24.4757, 26.2002, 46.4156



8.7099, 9.5660, 10.8937



16.0678, 22.9359, 33.7172



0.5153, 0.7412, 1.0641

Inverse Universe

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



32.1123, 24.0882, 44.0328



54.5800, 37.4743, 77.2782



31.9357, 31.6828, 19.4722



8.8335, 8.6401, 10.6218



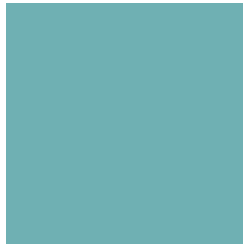
18.3449, 8.8555, 28.0401



0.5821, 0.2806, 0.9083

Previews

White Background



This preview shows how the XYZ color 30.2176, 37.6848, 48.3291 looks on a white background.

Color Contrast Check

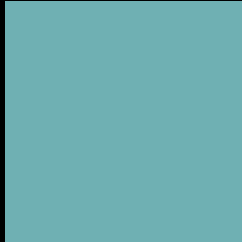
Large Text (above 18pt) WCAG AA × Fail

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 30.2176, 37.6848, 48.3291 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

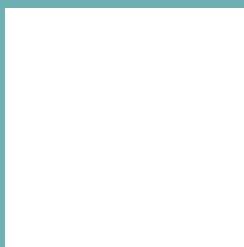
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2176, 37.6848, 48.3291

Background



This preview shows how black text looks on a background with the XYZ color 30.2176, 37.6848, 48.3291.

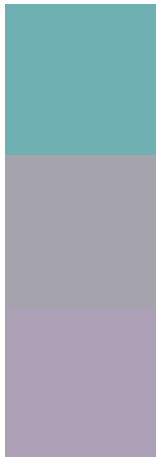


This preview shows how white text looks on a background with the XYZ color 30.2176, 37.6848,

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

30.2176, 37.6848, 48.3291

Protanopia

35.9649, 37.1340, 43.8001

Deuteranopia

38.0276, 37.2897, 49.4493



Tritanopia

31.4547, 37.9115, 53.8039

Trichromacy



Original Color

30.2176, 37.6848, 48.3291

Protanomaly

33.3197, 37.0810, 45.4456

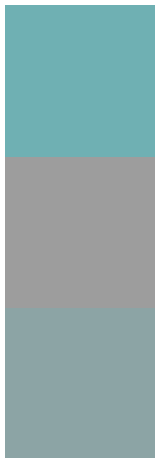
Deuteranomaly

34.5544, 37.0927, 49.0545

Tritanomaly

30.8970, 37.6734, 51.5422

Monochromacy



Original Color

30.2176, 37.6848, 48.3291

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.8822, 34.8430, 40.6950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2176, 37.6848, 48.3291 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(111, 176, 179)` looks like.

```
.text, #text, p{  
    color:rgb(111, 176, 179)  
}
```

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(111, 176, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 176, 179) }
```

Border

The CSS property to change the border of an element to XYZ 30.2176, 37.6848, 48.3291 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(111, 176, 179) }
```


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

```
.border{ border-color:rgb(111, 176, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 176, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 176, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 176, 179);  
box-shadow:4px 4px 4px 4px rgb(111, 176,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2176, 37.6848, 48.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 176, 179) }
```

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

```
.background{ background-color: rgb(111,  
176, 179) }
```

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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