

Converting Colors

XYZ(31.3029, 37.0854, 48.6884)

Have a look what the booklet for
XYZ(31.3029, 37.0854, 48.6884)
contains.

XYZ(31.3029, 37.0854, 48.6884)	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(31.3029, 37.0854,
48.6884)**

Conversions

Conversions Part 1

Format	Color
Hex	7CACB4
RGB	124, 172, 180
RGB Percent	49%, 67%, 71%
CMY	0.5137, 0.3255, 0.2941
CMYK	0.31, 0.04, 0.00, 0.29
HSL	189°, 27%, 60%
HSV	189°, 31%, 71%
XYZ	31.3029, 37.0854, 48.6884
YIQ	158.5600, -31.1760, -7.6880

Conversions

Conversions Part 2

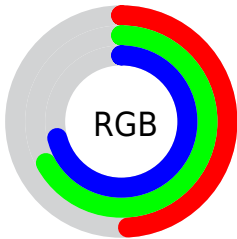
Format	Color
RYB	124, 150, 180
Decimal	8170676
CIELab	67.34, -13.94, -9.25
CIElCh	67, 16.726, 213.564
Yxy	37.0854, 0.2674, 0.3168
Android (android.graphics.Color)	4286360756 (0xFF7CACB4)
YUV	158.5600, 10.5699, -30.3091
Hunter-Lab	60.8978, -14.8179, -4.7745

Details

The XYZ color **31.3029, 37.0854, 48.6884** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.7122, 27.6614, 22.7900**, and the grayscale version is **32.7183, 34.4222, 37.4858**.

A 20% lighter version of the original color is **60.9695, 70.4593, 89.7434**, and **13.2197, 16.3430, 22.5364** is the 20% darker color. If you saturate the color by 10%, you get **28.4510, 34.8967, 48.4169**, and if you desaturate by 10%, it is **34.6413, 39.5407, 48.9870**.

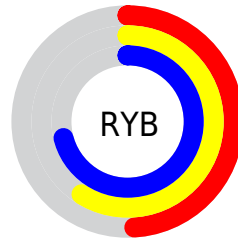
Distribution



Red (49%)

Green (67%)

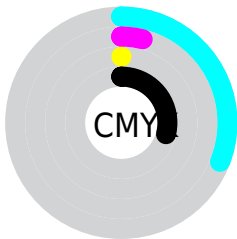
Blue (71%)



Red (49%)

Yellow (59%)

Blue (71%)

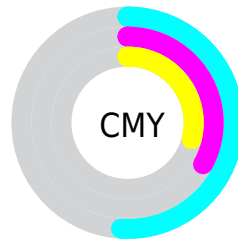


Cyan (31%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3029, 37.0854, 48.6884 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 31.3029, 37.0854, 48.6884 by changing the saturation by 10% instead.

■ 31.3029, 37.0854,
48.6884

■ 31.3029, 37.0854,
48.6884

299.7334,
333.6801, 398.1015

■ 20.9826, 25.2736,
34.0085

■ 61.0892, 70.7041,
89.6047

■ 13.2236, 16.2810,
22.6227

■ 81.2860, 93.2798,
116.6781

■ 7.6608, 9.7232,
14.1125

■ 105.5055,
120.2123, 148.7199

■ 3.9286, 5.2158,
8.0593

134.1133,
151.8860, 186.1484

■ 1.6618, 2.3745,
4.0446

167.4746,
188.6852, 229.3823

■ 0.4322, 0.8127,
1.6498

205.9548,

■ 0.0000, 0.0000,

230.9943, 278.8401

0.3260

249.9193,
279.1979, 334.9403

■ 0.0000, 0.0000,
0.0000

■ 31.3029, 37.0854,
48.6884

■ 31.3029, 37.0854,
48.6884

■ 28.4510, 34.8967,
48.4169

■ 34.6413, 39.5407,
48.9870

■ 26.0564, 32.9569,
48.1687

■ 38.4869, 42.2708,
49.3113

■ 24.0918, 31.2526,
47.9432

■ 42.8630, 45.2885,
49.6631

■ 22.5256, 29.7675,
47.7391

■ 47.7908, 48.6049,
50.0435

■ 21.3219, 28.4830,
47.5547

■ 53.2899, 52.2303,
50.4534

■ 20.4378, 27.3769,
47.3878

■ 59.3794, 56.1743,
50.8938

■ 19.8423, 26.5033,
47.2505

■ 66.0771, 60.4465,
51.3654

■ 68.4534, 62.5054,
51.6375

■ 69.0250, 63.6487,
51.8281

Harmonies

Analogous

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



30.5592, 37.0854, 41.2627



31.3029, 37.0854, 48.6884



33.1017, 37.0854, 54.3683

Triad

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



31.3029, 37.0854, 48.6884



39.8438, 37.0854, 46.9884



34.9433, 37.0854, 27.8775

Complementary

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



31.3029, 37.0854, 48.6884



30.7122, 27.6614, 22.7900

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.



37.4863, 37.0854, 29.0234



31.3029, 37.0854, 48.6884



40.3947, 37.0854, 39.5094

Square

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



31.3029, 37.0854, 48.6884



38.0414, 37.0854, 53.3063



39.5126, 37.0854, 33.0745



32.5958, 37.0854, 29.7325

Rectangle

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



31.3029, 37.0854, 48.6884



34.6995, 37.0854, 56.0754



39.5126, 37.0854, 33.0745



35.8033, 37.0854, 27.9257

Sweetspot

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



31.3040, 37.0869, 48.6893



71.2592, 77.6735, 89.5313



28.7626, 38.5797, 27.5704



15.1667, 16.6243, 19.3317



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.



31.3040, 37.0869, 48.6893



53.2890, 64.6024, 87.9555



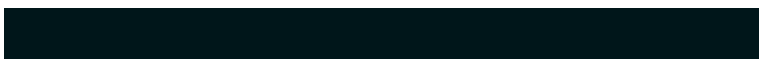
26.6054, 27.6897, 47.1231



8.6372, 9.4205, 10.8694



13.8859, 18.5723, 32.9899



0.4651, 0.6408, 1.0474

Inverse Universe

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



33.4773, 27.0980, 42.4973



57.8993, 43.9954, 74.6900



34.9397, 36.1164, 24.1992



8.7968, 8.6254, 10.4284



17.2436, 8.4150, 22.2407



0.5568, 0.2705, 0.7748

Previews

White Background



This preview shows how the XYZ color 31.3029, 37.0854, 48.6884 looks on a white background.

Color Contrast Check

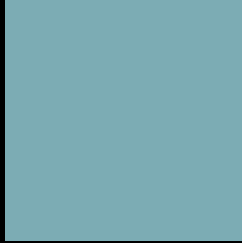
Large Text (above 18pt) WCAG AA × Fail

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 31.3029, 37.0854, 48.6884 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

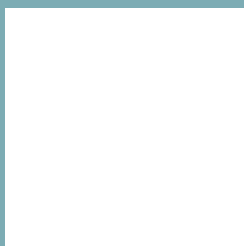
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.3029, 37.0854, 48.6884

Background



This preview shows how black text looks on a background with the XYZ color 31.3029, 37.0854, 48.6884.



This preview shows how white text looks on a background with the XYZ color 31.3029, 37.0854,

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

31.3029, 37.0854, 48.6884

Protanopia

35.6646, 36.6832, 45.2452

Deuteranopia

37.5229, 36.7612, 49.9177



Tritanopia

31.7773, 36.9886, 51.3636

Trichromacy



Original Color

31.3029, 37.0854, 48.6884

Protanomaly

33.8671, 36.7966, 46.3918

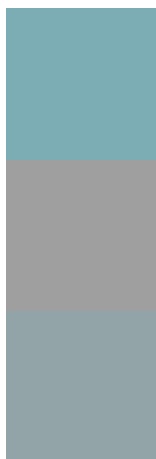
Deuteranomaly

34.8558, 36.7006, 49.5028

Tritanomaly

31.5676, 36.9047, 50.2593

Monochromacy



Original Color

31.3029, 37.0854, 48.6884

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.1046, 35.4519, 41.7100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3029, 37.0854, 48.6884 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(124, 172, 180)` looks like.

```
.text, #text, p{  
    color:rgb(124, 172, 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(124, 172, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 172, 180) }
```

Border

The CSS property to change the border of an element to XYZ 31.3029, 37.0854, 48.6884 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(124, 172, 180) }
```


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

```
.border{ border-color:rgb(124, 172, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 172, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 172, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 172, 180);  
box-shadow:4px 4px 4px 4px rgb(124, 172,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3029, 37.0854, 48.6884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 172, 180) }
```

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

```
.background{ background-color: rgb(124,  
172, 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](#).

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