

Converting Colors

XYZ(30.0711, 37.2272, 49.8572)

Have a look what the booklet for
XYZ(30.0711, 37.2272, 49.8572)
contains.

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Color

**XYZ(30.0801, 37.2886,
49.8680)**

Conversions

Conversions Part 1

Format	Color
Hex	6DAFB6
RGB	109, 175, 182
RGB Percent	43%, 69%, 71%
CMY	0.5725, 0.3137, 0.2863
CMYK	0.40, 0.04, 0.00, 0.29
HSL	186°, 33%, 57%
HSV	186°, 40%, 71%
XYZ	30.0801, 37.2886, 49.8680
YIQ	156.0640, -41.5830, -11.8150

Conversions

Conversions Part 2

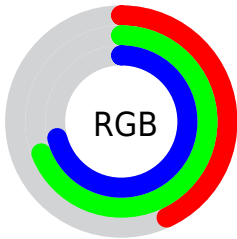
Format	Color
RYB	109, 144, 182
Decimal	7188406
CIELab	67.49, -19.15, -10.21
CIELCh	67, 21.701, 208.069
Yxy	37.2886, 0.2566, 0.3181
Android (android.graphics.Color)	4285378486 (0xFF6DAFB6)
YUV	156.0640, 12.7864, -41.2751
Hunter-Lab	61.0644, -18.9342, -5.6739

Details

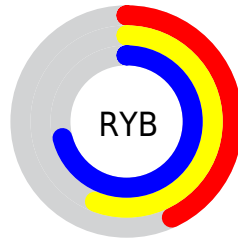
The XYZ color **30.0801, 37.2886, 49.8680** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.2976, 23.5403, 17.5210**, and the grayscale version is **31.5874, 33.2324, 36.1901**.

A 20% lighter version of the original color is **59.3184, 71.2174, 91.5088**, and **12.4975, 16.3163, 23.2595** is the 20% darker color. If you saturate the color by 10%, you get **27.7318, 35.5780, 49.6622**, and if you desaturate by 10%, it is **32.8986, 39.2499, 50.0987**.

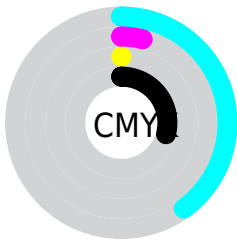
Distribution



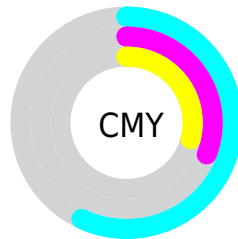
- Red (43%)
- Green (69%)
- Blue (71%)



- Red (43%)
- Yellow (56%)
- Blue (71%)



- Cyan (40%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)



- Cyan (57%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0801, 37.2886, 49.8680 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 30.0801, 37.2886, 49.8680 by changing the saturation by 10% instead.

■ 30.0801, 37.2886,
49.8680

■ 30.0801, 37.2886,
49.8680

294.1808,
334.5583, 402.8698

■ 20.0478, 25.4310,
34.9381

■ 59.1746, 71.0164,
91.3736

■ 12.5382, 16.3985,
23.3320

■ 78.9675, 93.6555,
118.7863

■ 7.1862, 9.8066,
14.6313

■ 102.7445,
120.6571, 151.1970

■ 3.6262, 5.2709,
8.4173

■ 130.8712,
152.4058, 189.0243

■ 1.4929, 2.4071,
4.2715

163.7128,
189.2858, 232.6867

■ 0.3210, 0.8295,
1.7754

201.6347,

■ 0.0000, 0.0000,

231.6817, 282.6027

0.4117

245.0022,
279.9777, 339.1909

■ 0.0000, 0.0000,
0.0000

■ 30.0801, 37.2886,
49.8680

■ 30.0801, 37.2886,
49.8680

■ 27.7318, 35.5780,
49.6622

■ 32.8986, 39.2499,
50.0987

■ 25.8214, 34.0988,
49.4774

■ 36.2104, 41.4711,
50.3528

■ 24.3181, 32.8359,
49.3129

■ 40.0409, 43.9663,
50.6326

■ 23.1854, 31.7705,
49.1669

■ 44.4128, 46.7472,
50.9389

■ 22.3802, 30.8803,
49.0376

■ 49.3477, 49.8249,
51.2729

■ 21.8185, 30.1271,
48.9218

■ 54.8657, 53.2098,
51.6354

■ 60.9860, 56.9119,
52.0274

■ 67.7271, 60.9407,
52.4498

■ 68.2503, 61.7708,
52.5824

Harmonies

Analogous

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



29.4124, 37.2886, 39.9853



30.0801, 37.2886, 49.8680



32.1577, 37.2886, 58.2629

Triad

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



30.0801, 37.2886, 49.8680



41.1661, 37.2886, 51.1073



35.6582, 37.2886, 24.8757

Complementary

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



30.0801, 37.2886, 49.8680



28.2976, 23.5403, 17.5210

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.



38.9420, 37.2886, 26.9264



30.0801, 37.2886, 49.8680



42.2433, 37.2886, 41.2229

Square

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



30.0801, 37.2886, 49.8680



38.5448, 37.2886, 59.0536



41.4053, 37.2886, 32.5596



32.5097, 37.2886, 26.4586

Rectangle

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



30.0801, 37.2886, 49.8680



34.1327, 37.2886, 61.3459



41.4053, 37.2886, 32.5596



36.7837, 37.2886, 25.1554

Sweetspot

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



30.0812, 37.2901, 49.8689



71.0585, 78.7198, 91.6850



26.1346, 37.9475, 22.1927



15.4896, 17.2540, 20.2356



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.



30.0812, 37.2901, 49.8689



50.7830, 64.8798, 90.0822



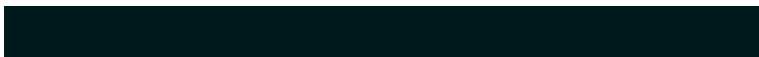
24.0439, 25.2155, 47.8564



9.1911, 10.0595, 11.5367



15.4344, 21.3284, 34.5564



0.5656, 0.7949, 1.2254

Inverse Universe

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



32.4988, 23.9783, 43.4746



55.8578, 37.7794, 76.4708



33.2131, 33.3714, 19.1595



9.3428, 9.1475, 11.1527



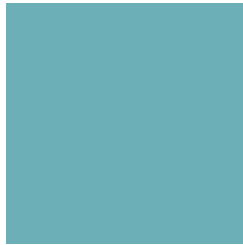
18.4042, 8.9355, 25.8132



0.6596, 0.3193, 0.9671

Previews

White Background



This preview shows how the XYZ color 30.0801, 37.2886, 49.8680 looks on a white background.

Color Contrast Check

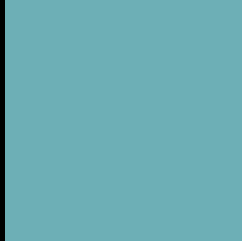
Large Text (above 18pt) WCAG AA × Fail

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 30.0801, 37.2886, 49.8680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

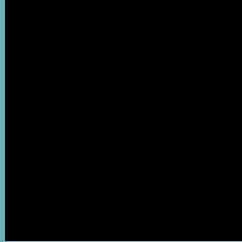
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.0801, 37.2886, 49.8680

Background



This preview shows how black text looks on a background with the XYZ color 30.0801, 37.2886, 49.8680.



This preview shows how white text looks on a background with the XYZ color 30.0801, 37.2886,

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

30.0801, 37.2886, 49.8680

Protanopia

35.8414, 37.0369, 45.3042

Deuteranopia

37.5173, 36.7341, 51.0120



Tritanopia

30.7687, 37.2825, 53.1515

Trichromacy



Original Color

30.0801, 37.2886, 49.8680

Protanomaly

33.0822, 36.6514, 46.9258

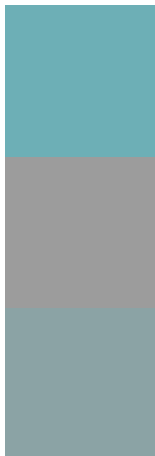
Deuteranomaly

34.1395, 36.5740, 50.6075

Tritanomaly

30.4294, 37.1323, 52.0178

Monochromacy



Original Color

30.0801, 37.2886, 49.8680

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.5362, 34.4000, 40.6277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0801, 37.2886, 49.8680 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(109, 175, 182)` looks like.

```
.text, #text, p{  
    color:rgb(109, 175, 182)  
}
```

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(109, 175, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 175, 182) }
```

Border

The CSS property to change the border of an element to XYZ 30.0801, 37.2886, 49.8680 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(109, 175, 182) }
```


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

```
.border{ border-color:rgb(109, 175, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 175, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 175, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 175, 182);  
box-shadow:4px 4px 4px 4px rgb(109, 175,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0801, 37.2886, 49.8680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 175, 182) }
```

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

```
.background{ background-color: rgb(109,  
175, 182) }
```

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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