

Converting Colors

XYZ(30.8730, 37.9721, 43.4538)

Have a look what the booklet for
XYZ(30.8730, 37.9721, 43.4538)
contains.

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Color

**XYZ(30.8036, 37.8096,
43.2106)**

Conversions

Conversions Part 1

Format	Color
Hex	7CAFA9
RGB	124, 175, 169
RGB Percent	49%, 69%, 66%
CMY	0.5137, 0.3137, 0.3372
CMYK	0.29, 0.00, 0.03, 0.31
HSL	173°, 24%, 59%
HSV	173°, 29%, 69%
XYZ	30.8036, 37.8096, 43.2106
YIQ	159.0670, -28.4700, -12.6780

Conversions

Conversions Part 2

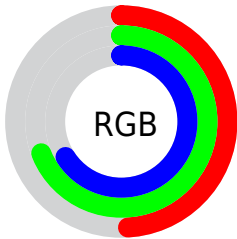
Format	Color
RYB	124, 151, 175
Decimal	8171433
CIELab	67.88, -18.11, -2.35
CIELCh	68, 18.259, 187.404
Yxy	37.8096, 0.2755, 0.3381
Android (android.graphics.Color)	4286361513 (0xFF7CAFA9)
YUV	159.0670, 4.8970, -30.7538
Hunter-Lab	61.4895, -18.1858, 1.3777

Details

The XYZ color **30.8036, 37.8096, 43.2106** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.9174, 25.1420, 24.4494**, and the grayscale version is **32.9738, 34.6910, 37.7785**.

A 20% lighter version of the original color is **60.3906, 71.9986, 81.2352**, and **12.9181, 16.6199, 19.3567** is the 20% darker color. If you saturate the color by 10%, you get **28.3040, 36.5441, 42.0930**, and if you desaturate by 10%, it is **33.7573, 39.3107, 44.3670**.

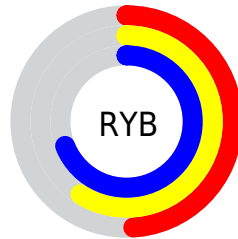
Distribution



Red (49%)

Green (69%)

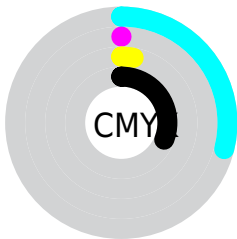
Blue (66%)



Red (49%)

Yellow (59%)

Blue (69%)

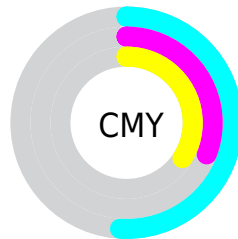


Cyan (29%)

Magenta (0%)

Yellow (3%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8036, 37.8096, 43.2106 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 30.8036, 37.8096, 43.2106 by changing the saturation by 10% instead.

■ 30.8036, 37.8096,
43.2106

■ 30.8036, 37.8096,
43.2106

297.4755,
336.8025, 375.4238

■ 20.6004, 25.8349,
29.7178

■ 60.3087, 71.8162,
81.3183

■ 12.9430, 16.7002,
19.3742

■ 80.3413, 94.6170,
106.7703

■ 7.4661, 10.0210,
11.7615

■ 104.3811,
121.7952, 137.0457

■ 3.8041, 5.4129,
6.4609

132.7935,
153.7353, 172.5632

■ 1.5919, 2.4915,
3.0540

165.9437,
190.8217, 213.7412

■ 0.3871, 0.8724,
1.1223

204.1973,

■ 0.0000, 0.0000,

233.4388, 260.9982

0.0000

247.9194,
281.9709, 314.7529

■ 30.8036, 37.8096,
43.2106

■ 30.8036, 37.8096,
43.2106

■ 28.3040, 36.5441,
42.0930

■ 33.7573, 39.3107,
44.3670

■ 26.2314, 35.4975,
41.0103

■ 37.1838, 41.0543,
45.5607

■ 24.5611, 34.6579,
39.9623

■ 41.1047, 43.0524,
46.7936

■ 23.2642, 34.0104,
38.9474

■ 45.5394, 45.3149,
48.0667

■ 22.3081, 33.5383,
37.9640

■ 50.5062, 47.8515,
49.3808

■ 21.6546, 33.2219,
37.0104

■ 56.0224, 50.6709,
50.7369

■ 21.2310, 33.0236,
36.0830

■ 62.1047, 53.7818,
52.1358

■ 21.1974, 33.0080,
36.0043

■ 65.3781, 55.4442,
53.4197

■ 65.5979, 55.5322,
54.5771

Harmonies

Analogous

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



31.1410, 37.8096, 35.4630



30.8036, 37.8096, 43.2106



31.7831, 37.8096, 51.3849

Triad

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



30.8036, 37.8096, 43.2106



39.3466, 37.8096, 54.8384



38.0697, 37.8096, 28.3851

Complementary

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



30.8036, 37.8096, 43.2106



28.9174, 25.1420, 24.4494

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.



40.4377, 37.8096, 32.4044



30.8036, 37.8096, 43.2106



41.2015, 37.8096, 47.4547

Square

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



30.8036, 37.8096, 43.2106



36.6431, 37.8096, 58.6478



41.6110, 37.8096, 39.1912



35.2398, 37.8096, 27.5606

Rectangle

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



30.8036, 37.8096, 43.2106



33.0829, 37.8096, 55.7520



41.6110, 37.8096, 39.1912



38.9504, 37.8096, 29.3791

Sweetspot

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



30.8047, 37.8111, 43.2115



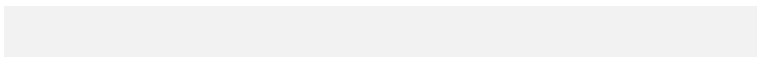
66.5836, 73.5193, 81.5914



28.2984, 36.9261, 24.7055



14.5918, 16.2350, 18.0656



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.8047, 37.8111, 43.2115



52.1839, 66.2030, 76.0850



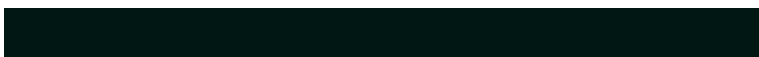
27.9901, 31.2593, 45.1176



8.1951, 9.0556, 10.0526



15.1943, 23.6430, 25.8605



0.4339, 0.6622, 0.7785

Inverse Universe

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



28.9174, 25.1420, 24.4494



48.2515, 39.7812, 36.9735



31.0961, 30.1254, 23.2454



8.0422, 8.0301, 8.5328



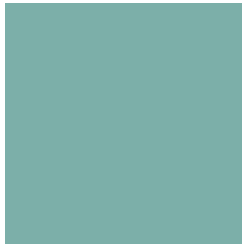
12.7674, 6.5695, 1.1548



0.3670, 0.1875, 0.0944

Previews

White Background



This preview shows how the XYZ color 30.8036, 37.8096, 43.2106 looks on a white background.

Color Contrast Check

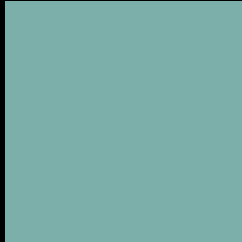
Large Text (above 18pt) WCAG AA × Fail

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 30.8036, 37.8096, 43.2106 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 30.8036, 37.8096, 43.2106

Background



This preview shows how black text looks on a background with the XYZ color 30.8036, 37.8096, 43.2106.

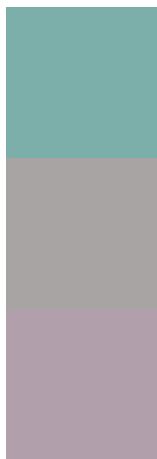


This preview shows how white text looks on a background with the XYZ color 30.8036, 37.8096,

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

30.8036, 37.8096, 43.2106

Protanopia

36.0348, 37.5201, 39.9932

Deuteranopia

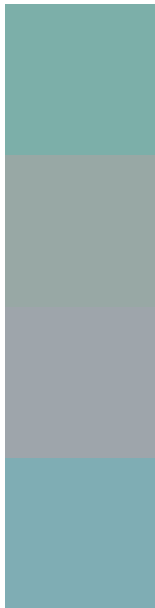
38.1487, 37.4673, 44.2510



Tritanopia

32.5175, 37.6394, 52.0057

Trichromacy



Original Color

30.8036, 37.8096, 43.2106

Protanomaly

33.7431, 37.3973, 41.0373

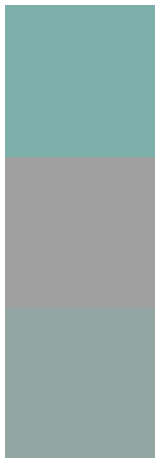
Deuteranomaly

34.9064, 37.1196, 43.8531

Tritanomaly

31.9342, 37.6945, 48.7727

Monochromacy



Original Color

30.8036, 37.8096, 43.2106

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.9201, 35.6656, 39.8521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8036, 37.8096, 43.2106 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, 175, 169)` looks like.

```
.text, #text, p{  
    color:rgb(124, 175, 169)  
}
```

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, 175, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 175, 169) }
```

Border

The CSS property to change the border of an element to XYZ 30.8036, 37.8096, 43.2106 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, 175, 169) }
```


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

```
.border{ border-color:rgb(124, 175, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 175, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 175, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 175, 169);  
box-shadow:4px 4px 4px 4px rgb(124, 175,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8036, 37.8096, 43.2106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 175, 169) }
```

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

```
.background{ background-color: rgb(124,  
175, 169) }
```

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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