

Converting Colors

XYZ(30.3758, 37.4549, 41.5242)

Have a look what the booklet for
XYZ(30.3758, 37.4549, 41.5242)
contains.

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Color

**XYZ(30.3312, 37.3104,
41.6794)**

Conversions

Conversions Part 1

Format	Color
Hex	7CAEA6
RGB	124, 174, 166
RGB Percent	49%, 68%, 65%
CMY	0.5137, 0.3176, 0.3490
CMYK	0.29, 0.00, 0.05, 0.32
HSL	170°, 24%, 58%
HSV	170°, 29%, 68%
XYZ	30.3312, 37.3104, 41.6794
YIQ	158.1380, -27.2320, -13.0880

Conversions

Conversions Part 2

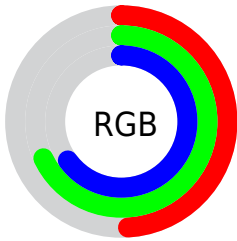
Format	Color
RYB	124, 151, 174
Decimal	8171174
CIELab	67.51, -18.27, -1.24
CIELCh	68, 18.315, 183.868
Yxy	37.3104, 0.2775, 0.3413
Android (android.graphics.Color)	4286361254 (0xFF7CAEA6)
YUV	158.1380, 3.8760, -29.9390
Hunter-Lab	61.0822, -18.2574, 2.3011

Details

The XYZ color **30.3312, 37.3104, 41.6794** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.8294, 25.0810, 25.1530**, and the grayscale version is **32.5547, 34.2501, 37.2983**.

A 20% lighter version of the original color is **59.7081, 71.2791, 79.0179**, and **12.6223, 16.3061, 18.4017** is the 20% darker color. If you saturate the color by 10%, you get **27.7826, 36.0267, 40.2417**, and if you desaturate by 10%, it is **33.3312, 38.8281, 43.1687**.

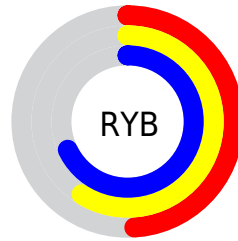
Distribution



Red (49%)

Green (68%)

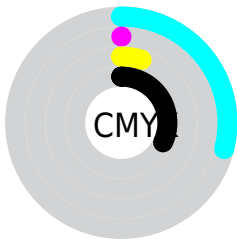
Blue (65%)



Red (49%)

Yellow (59%)

Blue (68%)

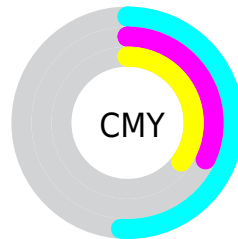


Cyan (29%)

Magenta (0%)

Yellow (5%)

Black (32%)



Cyan (51%)

Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3312, 37.3104, 41.6794 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 30.3312, 37.3104, 41.6794 by changing the saturation by 10% instead.

■ 30.3312, 37.3104,
41.6794

■ 30.3312, 37.3104,
41.6794

295.3274,
334.6524, 368.9126

■ 20.2394, 25.4479,
28.5266

■ 59.5686, 71.0499,
78.9790

■ 12.6785, 16.4111,
18.4805

■ 79.4449, 93.6957,
103.9630

■ 7.2830, 9.8155,
11.1225

■ 103.3135,
120.7048, 133.7277

■ 3.6876, 5.2768,
6.0341

131.5397,
152.4615, 168.6918

■ 1.5270, 2.4106,
2.7967

164.4888,
189.3502, 209.2738

■ 0.3441, 0.8313,
0.9918

202.5262,

■ 0.0000, 0.0000,

231.7553, 255.8923

0.0000

246.0173,
280.0613, 308.9657

■ 30.3312, 37.3104,
41.6794

■ 30.3312, 37.3104,
41.6794

■ 27.7826, 36.0267,
40.2417

■ 33.3312, 38.8281,
43.1687

■ 25.6589, 34.9605,
38.8518

■ 36.8010, 40.5863,
44.7083

■ 23.9356, 34.1000,
37.5091

■ 40.7619, 42.5971,
46.3000

■ 22.5845, 33.4308,
36.2122

■ 45.2330, 44.8703,
47.9451

■ 21.5735, 32.9363,
34.9594

■ 50.2324, 47.4151,
49.6445

■ 20.8654, 32.5973,
33.7487

■ 55.7771, 50.2404,
51.3991

■ 20.3922, 32.3788,
32.5768

■ 61.8835, 53.3547,
53.2100

■ 20.3372, 32.3536,
32.4308

■ 65.4840, 55.1763,
54.9337

■ 65.7877, 55.2979,
56.5333

Harmonies

Analogous

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



30.8213, 37.3104, 34.1720



30.3312, 37.3104, 41.6794



31.1550, 37.3104, 49.8909

Triad

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



30.3312, 37.3104, 41.6794



38.5653, 37.3104, 54.9043



37.9004, 37.3104, 28.2356

Complementary

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



30.3312, 37.3104, 41.6794



28.8294, 25.0810, 25.1530

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.



40.1496, 37.3104, 32.5833



30.3312, 37.3104, 41.6794



40.5475, 37.3104, 47.8424

Square

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



30.3312, 37.3104, 41.6794



35.8288, 37.3104, 58.1381



41.1420, 37.3104, 39.5879



35.0985, 37.3104, 27.0373

Rectangle

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



30.3312, 37.3104, 41.6794



32.3654, 37.3104, 54.4759



41.1420, 37.3104, 39.5879



38.7510, 37.3104, 29.3461

Sweetspot

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



30.3323, 37.3119, 41.6802



66.4662, 73.4724, 80.9729



28.3433, 36.6614, 24.6520



14.5617, 16.2229, 17.9070



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.



30.3323, 37.3119, 41.6802



52.2084, 66.2605, 74.0593



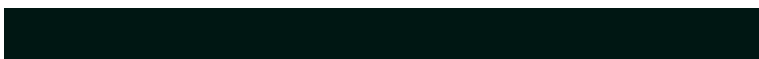
28.0668, 31.5693, 44.6604



8.1804, 9.0497, 9.9752



14.7682, 23.4726, 23.6171



0.4253, 0.6588, 0.7333

Inverse Universe

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



28.8294, 25.0810, 25.1530



49.0689, 40.6810, 39.5119



30.5707, 29.4067, 23.1343



8.0556, 8.0355, 8.6035



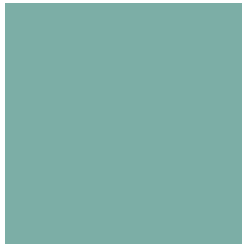
12.8263, 6.5931, 1.4650



0.3723, 0.1896, 0.1224

Previews

White Background



This preview shows how the XYZ color 30.3312, 37.3104, 41.6794 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 30.3312, 37.3104, 41.6794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

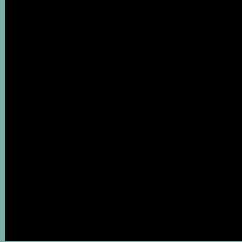
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3312, 37.3104, 41.6794

Background



This preview shows how black text looks on a background with the XYZ color 30.3312, 37.3104, 41.6794.

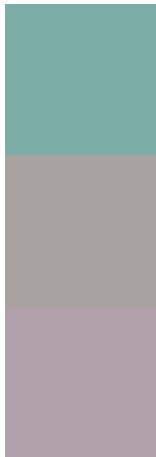


This preview shows how white text looks on a background with the XYZ color 30.3312, 37.3104,

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

30.3312, 37.3104, 41.6794

Protanopia

35.5908, 37.0573, 38.5346

Deuteranopia

37.6910, 37.0080, 42.6928



Tritanopia

32.2220, 37.2178, 51.3844

Trichromacy



Original Color

30.3312, 37.3104, 41.6794

Protanomaly

33.2892, 36.9215, 39.5544

Deuteranomaly

34.4439, 36.6472, 42.3040

Tritanomaly

31.5408, 37.2314, 47.6435

Monochromacy



Original Color

30.3312, 37.3104, 41.6794

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.5625, 35.2351, 38.8557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3312, 37.3104, 41.6794 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, 174, 166)` looks like.

```
.text, #text, p{  
    color:rgb(124, 174, 166)  
}
```

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, 174, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 174, 166) }
```

Border

The CSS property to change the border of an element to XYZ 30.3312, 37.3104, 41.6794 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, 174, 166) }
```


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

```
.border{ border-color:rgb(124, 174, 166) }
```

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

Here you see how a box with a 4 pixel rgb(124, 174, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 174, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 174, 166);  
box-shadow:4px 4px 4px 4px rgb(124, 174,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3312, 37.3104, 41.6794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 174, 166) }
```

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

```
.background{ background-color: rgb(124,  
174, 166) }
```

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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