

Converting Colors

XYZ(30.2550, 36.7394, 37.3935)

Have a look what the booklet for
XYZ(30.2550, 36.7394, 37.3935)
contains.

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Color

**XYZ(30.3540, 36.8449,
37.4102)**

Conversions

Conversions Part 1

Format	Color
Hex	84AC9D
RGB	132, 172, 157
RGB Percent	52%, 67%, 62%
CMY	0.4823, 0.3255, 0.3843
CMYK	0.23, 0.00, 0.09, 0.33
HSL	157°, 19%, 60%
HSV	157°, 23%, 67%
XYZ	30.3540, 36.8449, 37.4102
YIQ	158.3300, -19.0250, -13.1450

Conversions

Conversions Part 2

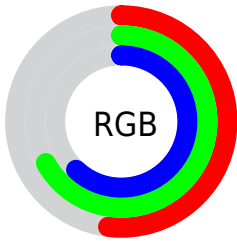
Format	Color
RYB	132, 157, 172
Decimal	8694941
CIELab	67.16, -16.68, 3.30
CIELCh	67, 17.008, 168.808
Yxy	36.8449, 0.2902, 0.3522
Android (android.graphics.Color)	4286885021 (0xFF84AC9D)
YUV	158.3300, -0.6557, -23.0914
Hunter-Lab	60.7000, -16.9632, 5.9488

Details

The XYZ color **30.3540, 36.8449, 37.4102** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.5322, 27.3806, 31.2810**, and the grayscale version is **32.6591, 34.3599, 37.4179**.

A 20% lighter version of the original color is **59.6025, 70.1307, 72.6826**, and **12.7113, 16.2229, 16.0970** is the 20% darker color. If you saturate the color by 10%, you get **27.3467, 35.3576, 34.4705**, and if you desaturate by 10%, it is **33.8359, 38.5755, 40.5255**.

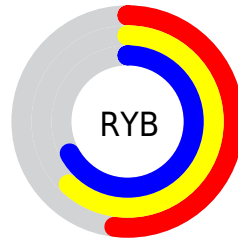
Distribution



Red (52%)

Green (67%)

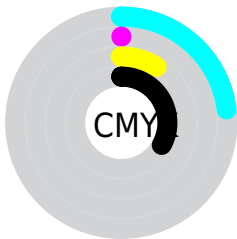
Blue (62%)



Red (52%)

Yellow (62%)

Blue (67%)

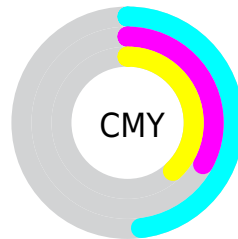


Cyan (23%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3540, 36.8449, 37.4102 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 30.3540, 36.8449, 37.4102 by changing the saturation by 10% instead.

■ 30.3540, 36.8449,
37.4102

■ 30.3540, 36.8449,
37.4102

295.4314,
332.6385, 350.3051

■ 20.2568, 25.0874,
25.2270

■ 59.6044, 70.3342,
72.3966

■ 12.6912, 16.1422,
16.0257

■ 79.4883, 92.8348,
96.0368

■ 7.2918, 9.6248,
9.3878

■ 103.3651,
119.6852, 124.3332

■ 3.6932, 5.1509,
4.8947

131.6003,
151.2698, 157.7041

■ 1.5301, 2.3361,
2.1280

164.5592,
187.9731, 196.5683

■ 0.3462, 0.7927,
0.6323

202.6071,

■ 0.0000, 0.0000,

230.1794, 241.3441

0.0000

246.1093,
278.2731, 292.4502

■ 30.3540, 36.8449,
37.4102

■ 30.3540, 36.8449,
37.4102

■ 27.3467, 35.3576,
34.4705

■ 33.8359, 38.5755,
40.5255

■ 24.7889, 34.0976,
31.7005

■ 37.8100, 40.5555,
43.8172

■ 22.6574, 33.0542,
29.0976

■ 42.2968, 42.7963,
47.2892

■ 20.9261, 32.2139,
26.6582

■ 47.3145, 45.3074,
50.9445

■ 19.5654, 31.5615,
24.3783

■ 52.8806, 48.0975,
54.7861

■ 18.5419, 31.0798,
22.2538

■ 59.0117, 51.1754,
58.8168

■ 17.8153, 30.7482,
20.2803

■ 65.7237, 54.5490,
63.0394

■ 17.4332, 30.5784,
19.0305

■ 67.4533, 55.3505,
67.1957

■ 68.2664, 55.6757,
71.4777

Harmonies

Analogous

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



31.4012, 36.8449, 31.4311



30.3540, 36.8449, 37.4102



30.5101, 36.8449, 44.8988

Triad

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



30.3540, 36.8449, 37.4102



36.6518, 36.8449, 55.2060



38.4066, 36.8449, 30.3053

Complementary

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



30.3540, 36.8449, 37.4102



30.5322, 27.3806, 31.2810

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.



39.9538, 36.8449, 35.6889



30.3540, 36.8449, 37.4102



38.9066, 36.8449, 50.2735

Square

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



30.3540, 36.8449, 37.4102



34.0613, 36.8449, 55.8154



40.1412, 36.8449, 42.9531



35.9964, 36.8449, 27.6795

Rectangle

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



30.3540, 36.8449, 37.4102



31.2774, 36.8449, 49.7466



40.1412, 36.8449, 42.9531



39.0498, 36.8449, 31.8194

Sweetspot

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



30.3550, 36.8464, 37.4110



65.6923, 72.1256, 77.1386



31.0110, 37.4065, 27.4160



14.1869, 15.6299, 16.6902



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.3550, 36.8464, 37.4110



52.0993, 65.3721, 65.0292



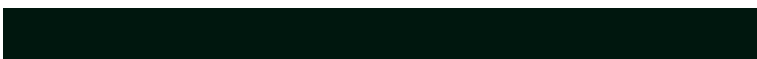
30.8431, 35.6453, 44.2862



8.1070, 9.0204, 9.5885



12.9998, 22.7652, 14.3047



0.3870, 0.6435, 0.5316

Inverse Universe

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



30.5322, 27.3806, 31.2810



52.4799, 45.1084, 51.9130



30.0776, 28.2342, 25.6947



8.1248, 8.0632, 8.9682



13.3849, 6.8165, 4.4063



0.3994, 0.2004, 0.2648

Previews

White Background



This preview shows how the XYZ color 30.3540, 36.8449, 37.4102 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 30.3540, 36.8449, 37.4102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

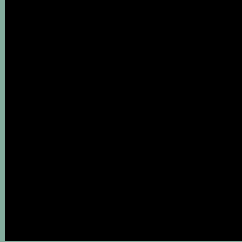
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3540, 36.8449, 37.4102

Background



This preview shows how black text looks on a background with the XYZ color 30.3540, 36.8449, 37.4102.

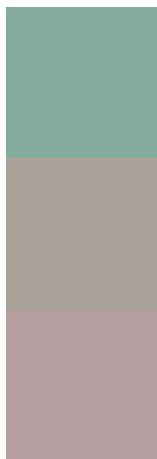


This preview shows how white text looks on a background with the XYZ color 30.3540, 36.8449,

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

30.3540, 36.8449, 37.4102

Protanopia

34.9500, 36.5427, 34.9171

Deuteranopia

37.3944, 36.6951, 38.3697



Tritanopia

32.7627, 36.7010, 49.6132

Trichromacy



Original Color

30.3540, 36.8449, 37.4102

Protanomaly

33.1793, 36.6734, 35.9018

Deuteranomaly

34.4595, 36.4841, 38.0268

Tritanomaly

31.7225, 36.5440, 44.9169

Monochromacy



Original Color

30.3540, 36.8449, 37.4102

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.6632, 35.0526, 37.4447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3540, 36.8449, 37.4102 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(132, 172, 157)` looks like.

```
.text, #text, p{  
    color:rgb(132, 172, 157)  
}
```

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(132, 172, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 172, 157) }
```

Border

The CSS property to change the border of an element to XYZ 30.3540, 36.8449, 37.4102 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(132, 172, 157) }
```


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

```
.border{ border-color:rgb(132, 172, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 172, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 172, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 172, 157);  
box-shadow:4px 4px 4px 4px rgb(132, 172,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3540, 36.8449, 37.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 172, 157) }
```

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

```
.background{ background-color: rgb(132,  
172, 157) }
```

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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