

Converting Colors

XYZ(31.6579, 38.0095, 45.8080)

Have a look what the booklet for
XYZ(31.6579, 38.0095, 45.8080)
contains.

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Color

**XYZ(31.5284, 37.8401,
45.6865)**

Conversions

Conversions Part 1

Format	Color
Hex	7FAEAE
RGB	127, 174, 174
RGB Percent	50%, 68%, 68%
CMY	0.5020, 0.3176, 0.3176
CMYK	0.27, 0.00, 0.00, 0.32
HSL	180°, 22%, 59%
HSV	180°, 27%, 68%
XYZ	31.5284, 37.8401, 45.6865
YIQ	159.9470, -28.0120, -9.9640

Conversions

Conversions Part 2

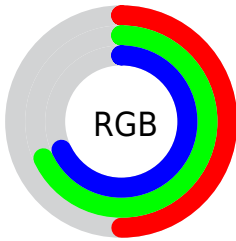
Format	Color
R _Y B	127, 151, 174
Decimal	8367790
CIE Lab	67.90, -15.53, -5.07
CIE LCh	68, 16.337, 198.077
Yxy	37.8401, 0.2740, 0.3289
Android (android.graphics.Color)	4286557870 (0xFF7FAEAE)
YUV	159.9470, 6.9281, -28.8945
Hunter-Lab	61.5143, -16.1621, -0.9745

Details

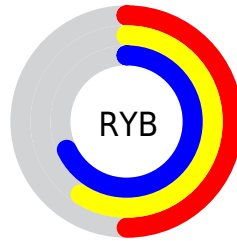
The XYZ color **31.5284, 37.8401, 45.6865** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.8770, 25.7108, 23.5208**, and the grayscale version is **33.3684, 35.1061, 38.2306**.

A 20% lighter version of the original color is **61.4957, 72.0745, 84.7993**, and **13.3307, 16.6164, 20.9170** is the 20% darker color. If you saturate the color by 10%, you get **29.1577, 36.6189, 45.5759**, and if you desaturate by 10%, it is **34.3489, 39.2951, 45.8197**.

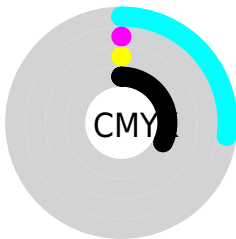
Distribution



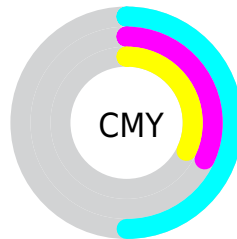
- Red (50%)
- Green (68%)
- Blue (68%)



- Red (50%)
- Yellow (59%)
- Blue (68%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (32%)



- Cyan (50%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5284, 37.8401, 45.6865 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 31.5284, 37.8401, 45.6865 by changing the saturation by 10% instead.

■ 31.5284, 37.8401,
45.6865

■ 31.5284, 37.8401,
45.6865

300.7489,
336.9335, 385.7877

■ 21.1553, 25.8586,
31.6516

■ 61.4412, 71.8630,
85.0790

■ 13.3507, 16.7179,
20.8329

■ 81.7117, 94.6732,
111.2736

■ 7.7491, 10.0336,
12.8119

■ 106.0120,
121.8617, 142.3586

■ 3.9853, 5.4212,
7.1699

134.7076,
153.8130, 178.7525

■ 1.6938, 2.4965,
3.4885

168.1637,
190.9114, 220.8738

■ 0.4524, 0.8749,
1.3492

206.7457,

■ 0.0000, 0.0000,

233.5414, 269.1411

0.1016

250.8190,
282.0873, 323.9729

■ 0.0000, 0.0000,
0.0000

■ 31.5284, 37.8401,
45.6865

■ 31.5284, 37.8401,
45.6865

■ 29.1577, 36.6189,
45.5759

■ 34.3489, 39.2951,
45.8197

■ 27.2104, 35.6151,
45.4844

■ 37.6372, 40.9902,
45.9740

■ 25.6627, 34.8172,
45.4115

■ 41.4144, 42.9375,
46.1512

■ 24.4868, 34.2110,
45.3561

■ 45.6994, 45.1464,
46.3522

■ 23.6515, 33.7804,
45.3166

■ 50.5099, 47.6263,
46.5777

■ 23.1206, 33.5067,
45.2913

■ 55.8629, 50.3859,
46.8287

■ 22.8413, 33.3628,
45.2778

■ 61.7746, 53.4335,
47.1057

■ 22.7762, 33.3292,
45.2747

■ 64.0174, 54.5897,
47.2111

■ 64.0175, 54.5897,
47.2115

Harmonies

Analogous

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



31.4045, 37.8401, 38.3842



31.5284, 37.8401, 45.6865



32.8066, 37.8401, 52.4850

Triad

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



31.5284, 37.8401, 45.6865



39.7158, 37.8401, 51.2496



36.9823, 37.8401, 28.9969

Complementary

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



31.5284, 37.8401, 45.6865



28.8770, 25.7108, 23.5208

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.



39.3218, 37.8401, 31.6634



31.5284, 37.8401, 45.6865



40.9488, 37.8401, 44.1532

Square

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



31.5284, 37.8401, 45.6865



37.4996, 37.8401, 55.9475



40.8013, 37.8401, 37.0200



34.4745, 37.8401, 29.3048

Rectangle

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



31.5284, 37.8401, 45.6865



34.1766, 37.8401, 55.5555



40.8013, 37.8401, 37.0200



37.8166, 37.8401, 29.5609

Sweetspot

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



31.5295, 37.8416, 45.6874



67.5498, 73.9793, 83.3554



27.8375, 36.3783, 25.6339



14.8075, 16.3364, 18.5170



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.



31.5295, 37.8416, 45.6874



54.7017, 67.3560, 82.7523



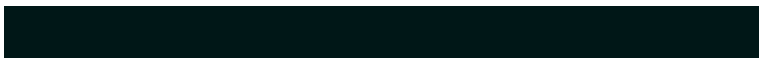
27.5057, 29.7937, 44.3472



8.2363, 9.0721, 10.2696



16.5191, 24.1729, 32.8367



0.4595, 0.6725, 0.9135

Inverse Universe

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



28.8770, 25.7108, 23.5208



49.1325, 41.8858, 36.2111



32.1488, 32.2547, 24.6107



8.0053, 8.0154, 8.3386



12.6607, 6.5268, 0.5927



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 31.5284, 37.8401, 45.6865 looks on a white background.

Color Contrast Check

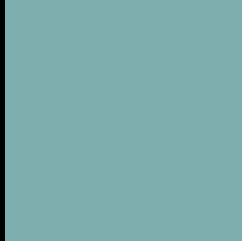
Large Text (above 18pt) WCAG AA × Fail

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 31.5284, 37.8401, 45.6865 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

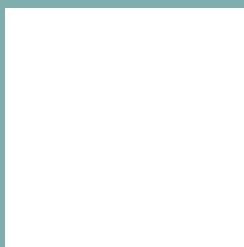
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.5284, 37.8401, 45.6865

Background



This preview shows how black text looks on a background with the XYZ color 31.5284, 37.8401, 45.6865.

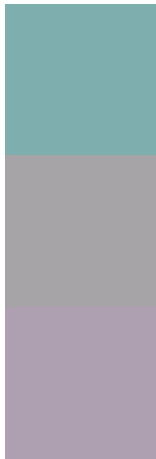


This preview shows how white text looks on a background with the XYZ color 31.5284, 37.8401,

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

31.5284, 37.8401, 45.6865

Protanopia

36.2797, 37.5936, 42.3899

Deuteranopia

38.1858, 37.4299, 46.8071



Tritanopia

32.8214, 37.7960, 52.0199

Trichromacy



Original Color

31.5284, 37.8401, 45.6865

Protanomaly

34.2072, 37.5829, 43.4815

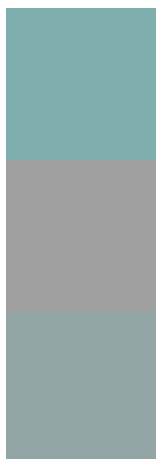
Deuteranomaly

35.3922, 37.3140, 46.4112

Tritanomaly

32.4403, 37.9317, 49.8677

Monochromacy



Original Color

31.5284, 37.8401, 45.6865

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.4594, 35.9228, 40.8203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5284, 37.8401, 45.6865 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(127, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(127, 174, 174)  
}
```

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(127, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 174, 174) }
```

Border

The CSS property to change the border of an element to XYZ 31.5284, 37.8401, 45.6865 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(127, 174, 174) }
```


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

```
.border{ border-color:rgb(127, 174, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 174, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(127, 174,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5284, 37.8401, 45.6865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 174, 174) }
```

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

```
.background{ background-color: rgb(127,  
174, 174) }
```

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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