

Converting Colors

XYZ(31.5915, 37.9744, 43.5728)

Have a look what the booklet for
XYZ(31.5915, 37.9744, 43.5728)
contains.

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Color

**XYZ(31.5977, 37.9202,
43.6842)**

Conversions

Conversions Part 1

Format	Color
Hex	82AEAA
RGB	130, 174, 170
RGB Percent	51%, 68%, 67%
CMY	0.4902, 0.3176, 0.3333
CMYK	0.25, 0.00, 0.02, 0.32
HSL	175°, 21%, 60%
HSV	175°, 25%, 68%
XYZ	31.5977, 37.9202, 43.6842
YIQ	160.3880, -24.9400, -10.5720

Conversions

Conversions Part 2

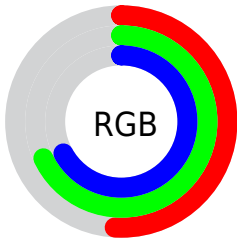
Format	Color
R _Y B	130, 153, 174
Decimal	8564394
CIE Lab	67.96, -15.53, -2.75
CIE LCh	68, 15.774, 190.030
Yxy	37.9202, 0.2791, 0.3350
Android (android.graphics.Color)	4286754474 (0xFF82AEAA)
YUV	160.3880, 4.7387, -26.6503
Hunter-Lab	61.5794, -16.1717, 1.0454

Details

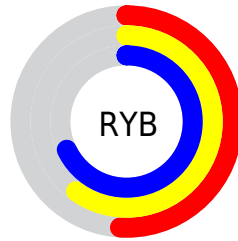
The XYZ color **31.5977, 37.9202, 43.6842** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.7426, 26.6863, 26.1392**, and the grayscale version is **33.5806, 35.3294, 38.4737**.

A 20% lighter version of the original color is **61.6546, 72.2202, 81.9245**, and **13.3318, 16.6450, 19.6497** is the 20% darker color. If you saturate the color by 10%, you get **29.0026, 36.6006, 42.7866**, and if you desaturate by 10%, it is **34.6481, 39.4763, 44.6141**.

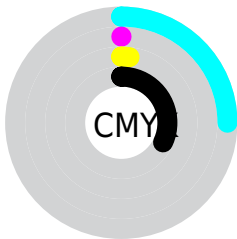
Distribution



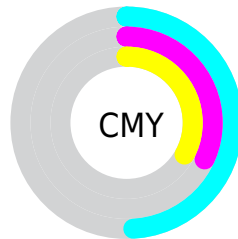
- Red (51%)
- Green (68%)
- Blue (67%)



- Red (51%)
- Yellow (60%)
- Blue (68%)



- Cyan (25%)
- Magenta (0%)
- Yellow (2%)
- Black (32%)



- Cyan (49%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5977, 37.9202, 43.6842 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 31.5977, 37.9202, 43.6842 by changing the saturation by 10% instead.

■ 31.5977, 37.9202,
43.6842

■ 31.5977, 37.9202,
43.6842

301.0605,
337.2775, 377.4216

■ 21.2085, 25.9208,
30.0869

■ 61.5493, 71.9858,
82.0397

■ 13.3898, 16.7644,
19.6520

■ 81.8424, 94.8208,
107.6351

■ 7.7763, 10.0666,
11.9608

■ 106.1675,
122.0364, 138.0669

■ 4.0028, 5.4432,
6.5947

134.8900,
154.0170, 173.7537

■ 1.7037, 2.5096,
3.1354

168.3752,
191.1470, 215.1140

■ 0.4586, 0.8814,
1.1642

206.9884,

■ 0.0000, 0.0000,

233.8108, 262.5664

0.0000

251.0951,
282.3929, 316.5294

■ 31.5977, 37.9202,
43.6842

■ 31.5977, 37.9202,
43.6842

■ 29.0026, 36.6006,
42.7866

■ 34.6481, 39.4763,
44.6141

■ 26.8369, 35.5011,
41.9178

■ 38.1717, 41.2752,
45.5748

■ 25.0770, 34.6106,
41.0772

■ 42.1894, 43.3286,
46.5680

■ 23.6956, 33.9151,
40.2637

■ 46.7197, 45.6460,
47.5948

■ 22.6624, 33.3988,
39.4757

■ 51.7804, 48.2366,
48.6559

■ 21.9421, 33.0436,
38.7117

■ 57.3883, 51.1092,
49.7522

■ 21.4907, 32.8269,
37.9694

■ 63.5595, 54.2719,
50.8845

■ 21.3235, 32.7481,
37.6249

■ 64.8888, 54.9383,
51.7998

■ 65.0541, 55.0044,
52.6703

Harmonies

Analogous

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



31.7917, 37.9202, 36.8486



31.5977, 37.9202, 43.6842



32.5526, 37.9202, 50.5922

Triad

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



31.5977, 37.9202, 43.6842



39.1589, 37.9202, 52.5094



37.6756, 37.9202, 29.8582

Complementary

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



31.5977, 37.9202, 43.6842



29.7426, 26.6863, 26.1392

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.



39.7723, 37.9202, 33.2019



31.5977, 37.9202, 43.6842



40.6552, 37.9202, 46.0718

Square

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



31.5977, 37.9202, 43.6842



36.8690, 37.9202, 56.0561



40.8847, 37.9202, 38.9823



35.2274, 37.9202, 29.3732

Rectangle

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



31.5977, 37.9202, 43.6842



33.7387, 37.9202, 54.1190



40.8847, 37.9202, 38.9823



38.4478, 37.9202, 30.6655

Sweetspot

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



31.5988, 37.9217, 43.6851



67.3231, 73.8887, 82.1616



29.0619, 36.9866, 26.7273



14.7479, 16.3126, 18.2034



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.



31.5988, 37.9217, 43.6851



54.7456, 67.4755, 78.3760



28.8028, 31.7145, 44.6496



8.2044, 9.0593, 10.1016



15.4769, 23.7560, 27.3487



0.4395, 0.6644, 0.8079

Inverse Universe

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



29.7426, 26.6863, 26.1392



50.8345, 43.7913, 41.3981



32.0134, 31.6662, 25.5448



8.0337, 8.0267, 8.4885



12.7378, 6.5577, 0.9987



0.3636, 0.1861, 0.0767

Previews

White Background



This preview shows how the XYZ color 31.5977, 37.9202, 43.6842 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 31.5977, 37.9202, 43.6842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

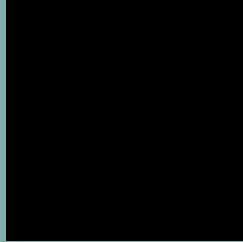
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.5977, 37.9202, 43.6842

Background



This preview shows how black text looks on a background with the XYZ color 31.5977, 37.9202, 43.6842.

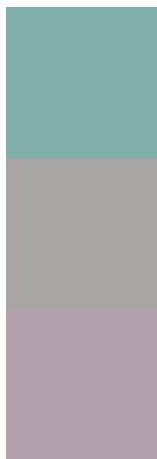


This preview shows how white text looks on a background with the XYZ color 31.5977, 37.9202,

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

31.5977, 37.9202, 43.6842

Protanopia

36.1247, 37.5561, 40.4670

Deuteranopia

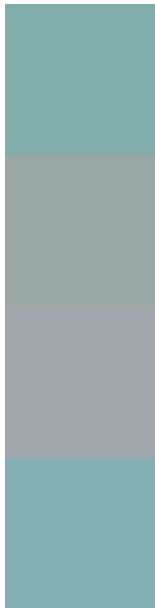
38.4737, 37.6237, 44.7695



Tritanopia

33.1823, 37.9944, 51.4837

Trichromacy



Original Color

31.5977, 37.9202, 43.6842

Protanomaly

34.2120, 37.6285, 41.5362

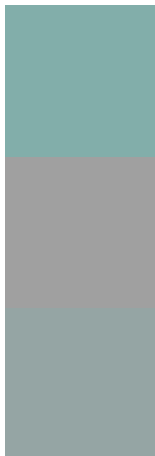
Deuteranomaly

35.5995, 37.4659, 44.3851

Tritanomaly

32.6975, 38.0880, 48.8084

Monochromacy



Original Color

31.5977, 37.9202, 43.6842

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.5504, 35.9802, 40.3512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5977, 37.9202, 43.6842 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(130, 174, 170)` looks like.

```
.text, #text, p{  
    color:rgb(130, 174, 170)  
}
```

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(130, 174, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 174, 170) }
```

Border

The CSS property to change the border of an element to XYZ 31.5977, 37.9202, 43.6842 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(130, 174, 170) }
```


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

```
.border{ border-color:rgb(130, 174, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 174, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 174, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 174, 170);  
box-shadow:4px 4px 4px 4px rgb(130, 174,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5977, 37.9202, 43.6842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 174, 170) }
```

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

```
.background{ background-color: rgb(130,  
174, 170) }
```

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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