

Converting Colors

XYZ(31.2951, 35.7297, 41.0786)

Have a look what the booklet for
XYZ(31.2951, 35.7297, 41.0786)
contains.

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Color

**XYZ(31.2577, 35.8430,
40.8682)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA7A5
RGB	139, 167, 165
RGB Percent	55%, 65%, 65%
CMY	0.4549, 0.3451, 0.3529
CMYK	0.17, 0.00, 0.01, 0.35
HSL	176°, 14%, 60%
HSV	176°, 17%, 65%
XYZ	31.2577, 35.8430, 40.8682
YIQ	158.4000, -16.0460, -6.5580

Conversions

Conversions Part 2

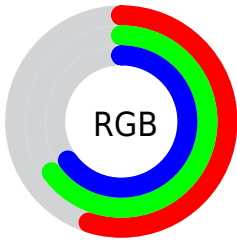
Format	Color
RYB	139, 154, 167
Decimal	9152421
CIELab	66.40, -10.05, -2.20
CIElCh	66, 10.285, 192.352
Yxy	35.8430, 0.2895, 0.3320
Android (android.graphics.Color)	4287342501 (0xFF8BA7A5)
YUV	158.4000, 3.2538, -17.0138
Hunter-Lab	59.8690, -11.5757, 1.4354

Details

The XYZ color **31.2577, 35.8430, 40.8682** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.9780, 28.6048, 29.1422**, and the grayscale version is **32.6728, 34.3743, 37.4336**.

A 20% lighter version of the original color is **61.0319, 68.7473, 77.7630**, and **13.1359, 15.5284, 17.9277** is the 20% darker color. If you saturate the color by 10%, you get **28.5715, 34.4717, 40.1784**, and if you desaturate by 10%, it is **34.3729, 37.4373, 41.5849**.

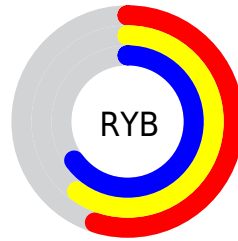
Distribution



Red (55%)

Green (65%)

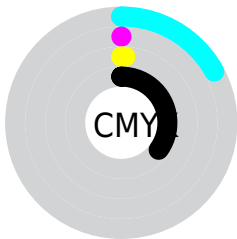
Blue (65%)



Red (55%)

Yellow (60%)

Blue (65%)

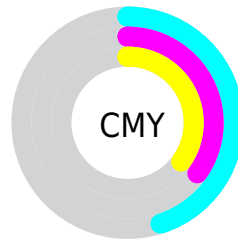


Cyan (17%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (45%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2577, 35.8430, 40.8682 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 31.2577, 35.8430, 40.8682 by changing the saturation by 10% instead.

■ 31.2577, 35.8430,
40.8682

■ 31.2577, 35.8430,
40.8682

299.5295,
328.2738, 365.4298

■ 20.9479, 24.3130,
27.8972

■ 61.0187, 68.7897,
77.7353

■ 13.1982, 15.5659,
18.0098

■ 81.2006, 90.9751,
102.4684

■ 7.6431, 9.2175,
10.7875

■ 105.4039,
117.4811, 131.9593

■ 3.9173, 4.8833,
5.8118

133.9940,
148.6921, 166.6266

■ 1.6555, 2.1790,
2.6640

167.3363,
184.9925, 206.8887

■ 0.4281, 0.7085,
0.9252

205.7961,

■ 0.0000, 0.0000,

226.7666, 253.1643

0.0000

249.7387,
274.3989, 305.8718

■ 31.2577, 35.8430,
40.8682

■ 31.2577, 35.8430,
40.8682

■ 28.5715, 34.4717,
40.1784

■ 34.3729, 37.4373,
41.5849

■ 26.2921, 33.3090,
39.5122

■ 37.9322, 39.2594,
42.3269

■ 24.3996, 32.3457,
38.8693

■ 41.9535, 41.3196,
43.0959

■ 22.8716, 31.5701,
38.2488

■ 46.4530, 43.6262,
43.8926

■ 21.6830, 30.9694,
37.6494

■ 51.4460, 46.1871,
44.7178

■ 20.8059, 30.5291,
37.0698

■ 56.9472, 49.0099,
45.5721

■ 20.2077, 30.2325,
36.5084

■ 62.6372, 51.9298,
46.4406

■ 19.8410, 30.0552,
35.9631

■ 62.7536, 51.9764,
47.0537

■ 19.7409, 30.0073,
35.7888

■ 62.8710, 52.0234,
47.6722

Harmonies

Analogous

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



31.3246, 35.8430, 36.5133



31.2577, 35.8430, 40.8682



31.9270, 35.8430, 45.0199

Triad

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



31.2577, 35.8430, 40.8682



36.1006, 35.8430, 45.6319



34.9728, 35.8430, 31.4944

Complementary

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



31.2577, 35.8430, 40.8682



29.9780, 28.6048, 29.1422

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.



36.3020, 35.8430, 33.5909



31.2577, 35.8430, 40.8682



36.9664, 35.8430, 41.6534

Square

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



31.2577, 35.8430, 40.8682



34.7047, 35.8430, 47.9059



37.0412, 35.8430, 37.2418



33.4385, 35.8430, 31.3190

Rectangle

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



31.2577, 35.8430, 40.8682



32.7127, 35.8430, 47.0266



37.0412, 35.8430, 37.2418



35.4596, 35.8430, 31.9901

Sweetspot

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



31.2587, 35.8445, 40.8690



62.5692, 67.5628, 74.6920



29.5213, 35.1950, 29.6641



13.9099, 15.0722, 16.6948



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



31.2587, 35.8445, 40.8690



54.1636, 63.2640, 72.7407



29.4005, 31.8340, 41.1559



7.7240, 8.5227, 9.5330



15.1128, 22.9639, 27.4248



0.3743, 0.5614, 0.7021

Inverse Universe

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



29.9780, 28.6048, 29.1422



51.4474, 47.9086, 47.8698



31.6108, 32.1069, 28.9579



7.5521, 7.5507, 7.9584



12.2526, 6.3098, 0.8760



0.3047, 0.1562, 0.0560

Previews

White Background



This preview shows how the XYZ color 31.2577, 35.8430, 40.8682 looks on a white background.

Color Contrast Check

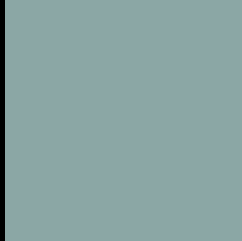
Large Text (above 18pt) WCAG AA × Fail

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 31.2577, 35.8430, 40.8682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

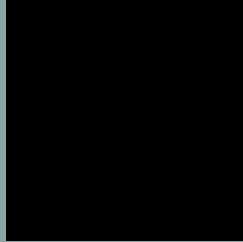
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.2577, 35.8430, 40.8682

Background



This preview shows how black text looks on a background with the XYZ color 31.2577, 35.8430, 40.8682.



This preview shows how white text looks on a background with the XYZ color 31.2577, 35.8430,

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

31.2577, 35.8430, 40.8682

Protanopia

34.3137, 35.6073, 38.7826

Deuteranopia

36.3191, 35.5656, 41.5098



Tritanopia

32.4755, 35.7873, 47.3155

Trichromacy



Original Color

31.2577, 35.8430, 40.8682

Protanomaly

33.1363, 35.7716, 39.3406

Deuteranomaly

34.1517, 35.4719, 41.1232

Tritanomaly

31.9943, 35.8650, 44.7715

Monochromacy



Original Color

31.2577, 35.8430, 40.8682

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.9404, 34.6423, 38.7214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2577, 35.8430, 40.8682 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(139, 167, 165)` looks like.

```
.text, #text, p{  
    color:rgb(139, 167, 165)  
}
```

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(139, 167, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 167, 165) }
```

Border

The CSS property to change the border of an element to XYZ 31.2577, 35.8430, 40.8682 is called "border". The border property can be set on classes, ids or directly on the HTML element.

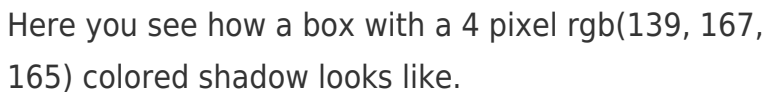
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 167, 165) }
```


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

```
.border{ border-color:rgb(139, 167, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 167, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 167, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 167, 165); box-shadow:4px 4px 4px 4px rgb(139, 167, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2577, 35.8430, 40.8682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 167, 165) }
```

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

```
.background{ background-color: rgb(139,  
167, 165) }
```

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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