

Converting Colors

XYZ(31.1370, 35.4024, 40.2591)

Have a look what the booklet for
XYZ(31.1370, 35.4024, 40.2591)
contains.

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Color

**XYZ(31.1523, 35.5282,
40.3377)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA6A4
RGB	140, 166, 164
RGB Percent	55%, 65%, 64%
CMY	0.4510, 0.3490, 0.3569
CMYK	0.16, 0.00, 0.01, 0.35
HSL	175°, 13%, 60%
HSV	175°, 16%, 65%
XYZ	31.1523, 35.5282, 40.3377
YIQ	157.9980, -14.8540, -6.1340

Conversions

Conversions Part 2

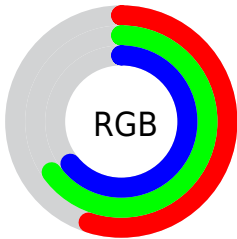
Format	Color
RYB	140, 154, 166
Decimal	9217700
CIELab	66.16, -9.39, -1.99
CIELCh	66, 9.601, 191.964
Yxy	35.5282, 0.2911, 0.3320
Android (android.graphics.Color)	4287407780 (0xFF8CA6A4)
YUV	157.9980, 2.9590, -15.7842
Hunter-Lab	59.6055, -11.0183, 1.5997

Details

The XYZ color **31.1523, 35.5282, 40.3377** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.9877, 28.8172, 29.5745**, and the grayscale version is **32.4911, 34.1832, 37.2255**.

A 20% lighter version of the original color is **60.8908, 68.2967, 76.9911**, and **13.0618, 15.3283, 17.5995** is the 20% darker color. If you saturate the color by 10%, you get **28.4488, 34.1487, 39.6123**, and if you desaturate by 10%, it is **34.2810, 37.1286, 41.0906**.

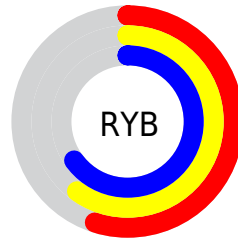
Distribution



Red (55%)

Green (65%)

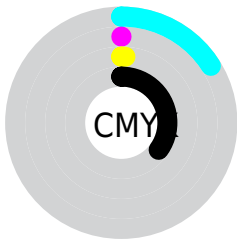
Blue (64%)



Red (55%)

Yellow (60%)

Blue (65%)

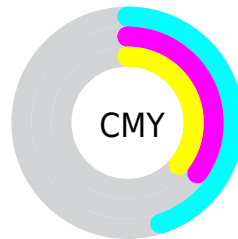


Cyan (16%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (45%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1523, 35.5282, 40.3377 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 31.1523, 35.5282, 40.3377 by changing the saturation by 10% instead.

■ 31.1523, 35.5282,
40.3377

■ 31.1523, 35.5282,
40.3377

299.0537,
326.8937, 363.1392

■ 20.8672, 24.0700,
27.4862

■ 60.8540, 68.3032,
76.9202

■ 13.1389, 15.3856,
17.7030

■ 81.0013, 90.3889,
101.4882

■ 7.6019, 9.0904,
10.5697

■ 105.1668,
116.7858, 130.7988

■ 3.8910, 4.8002,
5.6678

133.7158,
147.8785, 165.2705

■ 1.6406, 2.1305,
2.5787

167.0136,
184.0512, 205.3218

■ 0.4187, 0.6817,
0.8814

205.4256,

■ 0.0000, 0.0000,

225.6883, 251.3714

0.0000

249.3172,
273.1744, 303.8377

■ 31.1523, 35.5282,
40.3377

■ 31.1523, 35.5282,
40.3377

■ 28.4488, 34.1487,
39.6123

■ 34.2810, 37.1286,
41.0906

■ 26.1487, 32.9761,
38.9110

■ 37.8495, 38.9547,
41.8694

■ 24.2326, 32.0013,
38.2337

■ 41.8755, 41.0165,
42.6757

■ 22.6785, 31.2130,
37.5794

■ 46.3747, 43.3222,
43.5102

■ 21.4622, 30.5988,
36.9469

■ 51.3623, 45.8794,
44.3738

■ 20.5564, 30.1444,
36.3349

■ 56.8525, 48.6956,
45.2670

■ 19.9296, 29.8338,
35.7419

■ 62.4148, 51.5489,
46.1697

■ 19.5410, 29.6457,
35.1659

■ 62.5390, 51.5986,
46.8241

■ 19.4049, 29.5809,
34.9195

■ 62.6645, 51.6487,
47.4848

Harmonies

Analogous

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



31.2237, 35.5282, 36.2996



31.1523, 35.5282, 40.3377



31.7672, 35.5282, 44.1856

Triad

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



31.1523, 35.5282, 40.3377



35.6384, 35.5282, 44.8326



34.6260, 35.5282, 31.6766

Complementary

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



31.1523, 35.5282, 40.3377



29.9877, 28.8172, 29.5745

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.



35.8521, 35.5282, 33.6594



31.1523, 35.5282, 40.3377



36.4479, 35.5282, 41.1710

Square

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



31.1523, 35.5282, 40.3377



34.3410, 35.5282, 46.9005



36.5272, 35.5282, 37.0765



33.2024, 35.5282, 31.4883

Rectangle

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



31.1523, 35.5282, 40.3377



32.4939, 35.5282, 46.0505



36.5272, 35.5282, 37.0765



35.0759, 35.5282, 32.1486

Sweetspot

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



31.1533, 35.5297, 40.3385



62.5615, 67.5597, 74.6515



29.5549, 34.9329, 29.9967



13.9080, 15.0715, 16.6846



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.



31.1533, 35.5297, 40.3385



54.6392, 63.5102, 72.7156



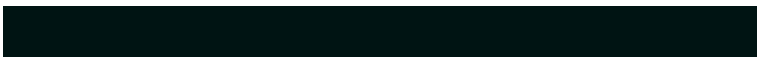
29.4483, 31.8280, 40.6694



7.7222, 8.5219, 9.5235



15.0546, 22.9406, 27.1180



0.3734, 0.5610, 0.6971

Inverse Universe

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



29.9877, 28.8172, 29.5745



52.0919, 48.8389, 49.1907



31.5006, 32.0813, 29.3437



7.5537, 7.5513, 7.9669



12.2573, 6.3117, 0.9008



0.3053, 0.1564, 0.0592

Previews

White Background



This preview shows how the XYZ color 31.1523, 35.5282, 40.3377 looks on a white background.

Color Contrast Check

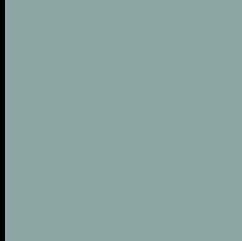
Large Text (above 18pt) WCAG AA × Fail

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 31.1523, 35.5282, 40.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

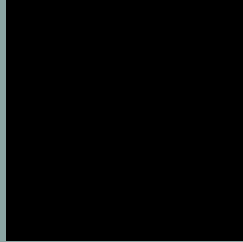
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.1523, 35.5282, 40.3377

Background



This preview shows how black text looks on a background with the XYZ color 31.1523, 35.5282, 40.3377.

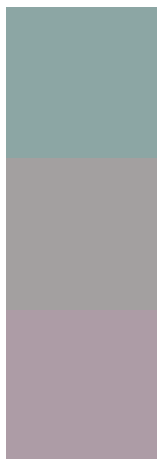


This preview shows how white text looks on a background with the XYZ color 31.1523, 35.5282,

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

31.1523, 35.5282, 40.3377

Protanopia

34.0202, 35.4662, 38.3103

Deuteranopia

36.0050, 35.4143, 41.0144



Tritanopia

32.3666, 35.4760, 46.7366

Trichromacy



Original Color

31.1523, 35.5282, 40.3377

Protanomaly

32.8709, 35.3824, 38.8152

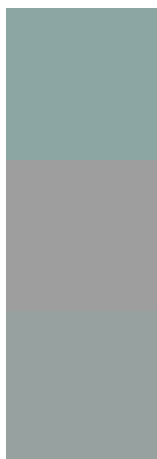
Deuteranomaly

34.0603, 35.4353, 40.6418

Tritanomaly

31.8860, 35.5515, 44.2113

Monochromacy



Original Color

31.1523, 35.5282, 40.3377

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.8525, 34.6071, 38.2587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1523, 35.5282, 40.3377 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(140, 166, 164)` looks like.

```
.text, #text, p{  
    color:rgb(140, 166, 164)  
}
```

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(140, 166, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 166, 164) }
```

Border

The CSS property to change the border of an element to XYZ 31.1523, 35.5282, 40.3377 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(140, 166, 164) }
```


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

```
.border{ border-color:rgb(140, 166, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 166, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 166, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 166, 164);  
box-shadow:4px 4px 4px 4px rgb(140, 166,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1523, 35.5282, 40.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 166, 164) }
```

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

```
.background{ background-color: rgb(140,  
166, 164) }
```

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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