

Converting Colors

XYZ(31.4427, 35.4675, 37.7893)

Have a look what the booklet for
XYZ(31.4427, 35.4675, 37.7893)
contains.

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Color

**XYZ(31.5672, 35.5245,
37.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	92A59F
RGB	146, 165, 159
RGB Percent	57%, 65%, 62%
CMY	0.4274, 0.3529, 0.3765
CMYK	0.12, 0.00, 0.04, 0.35
HSL	161°, 10%, 61%
HSV	161°, 12%, 65%
XYZ	31.5672, 35.5245, 37.9940
YIQ	158.6350, -9.3980, -5.8940

Conversions

Conversions Part 2

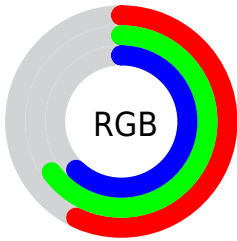
Format	Color
RYB	146, 157, 165
Decimal	9610655
CIELab	66.15, -7.86, 0.84
CIELCh	66, 7.901, 173.879
Yxy	35.5245, 0.3004, 0.3381
Android (android.graphics.Color)	4287800735 (0xFF92A59F)
YUV	158.6350, 0.1799, -11.0809
Hunter-Lab	59.6024, -9.7654, 3.9269

Details

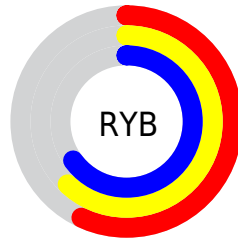
The XYZ color **31.5672, 35.5245, 37.9940** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4647, 30.8250, 33.9989**, and the grayscale version is **32.7912, 34.4988, 37.5692**.

A 20% lighter version of the original color is **61.5502, 68.3208, 73.5615**, and **13.3312, 15.3259, 16.4429** is the 20% darker color. If you saturate the color by 10%, you get **28.4005, 33.9442, 35.5347**, and if you desaturate by 10%, it is **35.1784, 37.3337, 40.5751**.

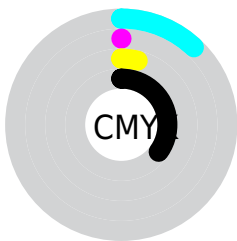
Distribution



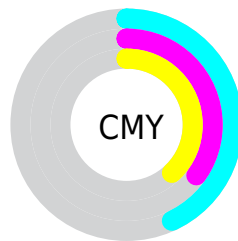
- Red (57%)
- Green (65%)
- Blue (62%)



- Red (57%)
- Yellow (62%)
- Blue (65%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (35%)



- Cyan (43%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5672, 35.5245, 37.9940 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 31.5672, 35.5245, 37.9940 by changing the saturation by 10% instead.

■ 31.5672, 35.5245,
37.9940

■ 31.5672, 35.5245,
37.9940

300.9234,
326.8774, 352.8916

■ 21.1851, 24.0672,
25.6762

■ 61.5018, 68.2975,
73.3023

■ 13.3726, 15.3835,
16.3580

■ 81.7849, 90.3820,
97.1298

■ 7.7644, 9.0890,
9.6207

106.0991,
116.7777, 125.6311

■ 3.9951, 4.7992,
5.0459

134.8097,
147.8689, 159.2246

■ 1.6994, 2.1300,
2.2150

168.2821,
184.0401, 198.3289

■ 0.4559, 0.6814,
0.6830

206.8816,

■ 0.0000, 0.0000,

225.6756, 243.3624

0.0000

250.9736,
273.1600, 294.7438

■ 31.5672, 35.5245,
37.9940

■ 31.5672, 35.5245,
37.9940

■ 28.4005, 33.9442,
35.5347

■ 35.1784, 37.3337,
40.5751

■ 25.6570, 32.5788,
33.1929

■ 39.2482, 39.3762,
43.2777

■ 23.3181, 31.4199,
30.9672

■ 43.7939, 41.6617,
46.1046

■ 21.3625, 30.4565,
28.8553

■ 48.8310, 44.1983,
49.0575

■ 19.7672, 29.6767,
26.8548

■ 54.3741, 46.9935,
52.1383

■ 18.5064, 29.0673,
24.9633

■ 60.4376, 50.0545,
55.3489

■ 17.5508, 28.6132,
23.1781

■ 64.6013, 52.1339,
58.5769

■ 16.8656, 28.2965,
21.4960

■ 65.2031, 52.3746,
61.7458

■ 16.4298, 28.1012,
20.1459

■ 65.8257, 52.6236,
65.0242

Harmonies

Analogous

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



31.9720, 35.5245, 34.9885



31.5672, 35.5245, 37.9940



31.7402, 35.5245, 41.3600

Triad

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



31.5672, 35.5245, 37.9940



34.6882, 35.5245, 44.9060



35.1149, 35.5245, 33.6836

Complementary

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



31.5672, 35.5245, 37.9940



31.4647, 30.8250, 33.9989

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.



35.8741, 35.5245, 36.1186



31.5672, 35.5245, 37.9940



35.6238, 35.5245, 42.6227

Square

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



31.5672, 35.5245, 37.9940



33.5245, 35.5245, 45.4797



36.0625, 35.5245, 39.3745



34.0066, 35.5245, 32.5945

Rectangle

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



31.5672, 35.5245, 37.9940



32.1619, 35.5245, 43.3424



36.0625, 35.5245, 39.3745



35.4204, 35.5245, 34.3648

Sweetspot

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



31.5682, 35.5260, 37.9948



61.9513, 66.3337, 71.9384



31.5966, 35.6642, 32.4132



13.4289, 14.4443, 15.6470



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



31.5682, 35.5260, 37.9948



54.9017, 62.8056, 66.8141



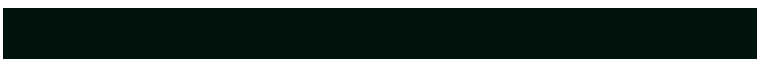
31.4821, 34.4997, 40.5990



7.1804, 7.9730, 8.5619



12.4520, 21.2671, 15.3626



0.2815, 0.4548, 0.4276

Inverse Universe

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



31.4647, 30.8250, 33.9989



54.6768, 52.5763, 58.1200



31.5306, 31.7238, 31.6561



7.1617, 7.1211, 7.8377



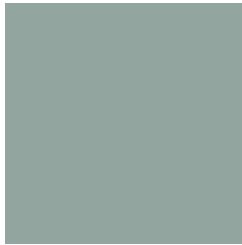
12.2303, 6.2482, 3.1373



0.2776, 0.1395, 0.1742

Previews

White Background



This preview shows how the XYZ color 31.5672, 35.5245, 37.9940 looks on a white background.

Color Contrast Check

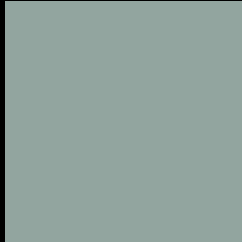
Large Text (above 18pt) WCAG AA × Fail

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 31.5672, 35.5245, 37.9940 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

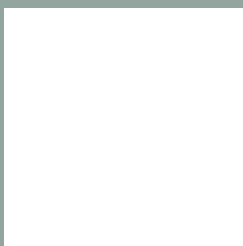
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.5672, 35.5245, 37.9940

Background



This preview shows how black text looks on a background with the XYZ color 31.5672, 35.5245, 37.9940.



This preview shows how white text looks on a background with the XYZ color 31.5672, 35.5245,

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

31.5672, 35.5245, 37.9940

Protanopia

33.8814, 35.4344, 36.5063

Deuteranopia

36.0589, 35.2460, 38.6209



Tritanopia

33.2295, 35.6791, 45.6928

Trichromacy



Original Color

31.5672, 35.5245, 37.9940

Protanomaly

32.9108, 35.4431, 37.0049

Deuteranomaly

34.2604, 35.3337, 38.2721

Tritanomaly

32.6496, 35.7114, 42.7083

Monochromacy



Original Color

31.5672, 35.5245, 37.9940

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.3293, 34.8630, 37.8262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5672, 35.5245, 37.9940 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(146, 165, 159)` looks like.

```
.text, #text, p{  
    color:rgb(146, 165, 159)  
}
```

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(146, 165, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 165, 159) }
```

Border

The CSS property to change the border of an element to XYZ 31.5672, 35.5245, 37.9940 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(146, 165, 159) }
```


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

```
.border{ border-color:rgb(146, 165, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 165, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 165, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 165, 159);  
box-shadow:4px 4px 4px 4px rgb(146, 165,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5672, 35.5245, 37.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 165, 159) }
```

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

```
.background{ background-color: rgb(146,  
165, 159) }
```

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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