

Converting Colors

XYZ(31.5919, 35.1460, 44.4973)

Have a look what the booklet for
XYZ(31.5919, 35.1460, 44.4973)
contains.

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Color

**XYZ(31.6335, 35.1435,
44.6513)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA4AD
RGB	140, 164, 173
RGB Percent	55%, 64%, 68%
CMY	0.4510, 0.3568, 0.3216
CMYK	0.19, 0.05, 0.00, 0.32
HSL	196°, 17%, 61%
HSV	196°, 19%, 68%
XYZ	31.6335, 35.1435, 44.6513
YIQ	157.8500, -17.1930, -2.2890

Conversions

Conversions Part 2

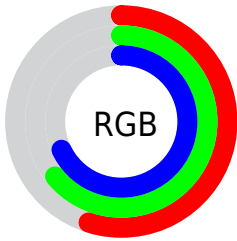
Format	Color
RYB	140, 154, 173
Decimal	9217197
CIELab	65.86, -6.34, -7.45
CIElCh	66, 9.786, 229.591
Yxy	35.1435, 0.2839, 0.3154
Android (android.graphics.Color)	4287407277 (0xFF8CA4AD)
YUV	157.8500, 7.4690, -15.6544
Hunter-Lab	59.2820, -8.4939, -3.1600

Details

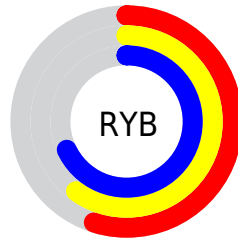
The XYZ color **31.6335, 35.1435, 44.6513** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7150, 32.2726, 29.3166**, and the grayscale version is **32.4051, 34.0926, 37.1269**.

A 20% lighter version of the original color is **61.5832, 67.7338, 83.2269**, and **13.3652, 15.0927, 20.2979** is the 20% darker color. If you saturate the color by 10%, you get **28.1161, 32.1010, 44.2500**, and if you desaturate by 10%, it is **35.6426, 38.4878, 45.0861**.

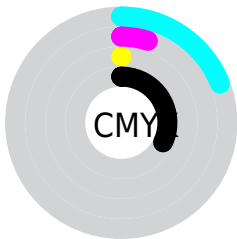
Distribution



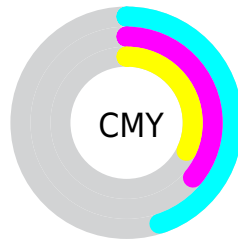
- Red (55%)
- Green (64%)
- Blue (68%)



- Red (55%)
- Yellow (60%)
- Blue (68%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (32%)



- Cyan (45%)
- Magenta (36%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.6335, 35.1435, 44.6513 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 31.6335, 35.1435, 44.6513 by changing the saturation by 10% instead.

■ 31.6335, 35.1435,
44.6513

■ 31.6335, 35.1435,
44.6513

301.2214,
325.2013, 381.4783

■ 21.2359, 23.7734,
30.8419

■ 61.6052, 67.7080,
83.5098

■ 13.4100, 15.1656,
20.2210

■ 81.9100, 89.6713,
109.3960

■ 7.7904, 8.9357,
12.3702

■ 106.2478,
115.9343, 140.1449

■ 4.0118, 4.6993,
6.8707

134.9842,
146.8817, 176.1749

■ 1.7088, 2.0719,
3.3041

168.4844,
182.8976, 217.9048

■ 0.4618, 0.6488,
1.2520

207.1137,

■ 0.0000, 0.0000,

224.3666, 265.7530

0.0219

251.2376,
271.6730, 320.1380

■ 0.0000, 0.0000,
0.0000

■ 31.6335, 35.1435,
44.6513

■ 31.6335, 35.1435,
44.6513

■ 28.1161, 32.1010,
44.2500

■ 35.6426, 38.4878,
45.0861

■ 25.0657, 29.3444,
43.8787

■ 40.1606, 42.1404,
45.5530

■ 22.4598, 26.8624,
43.5370

■ 45.2076, 46.1133,
46.0538

■ 20.2730, 24.6414,
43.2235

■ 50.8018, 50.4161,
46.5895

■ 18.4769, 22.6663,
42.9370

■ 56.9603, 55.0583,
47.1609

■ 17.0396, 20.9201,
42.6757

■ 63.6996, 60.0488,
47.7690

■ 15.9237, 19.3829,
42.4378

■ 68.7544, 64.2202,
48.3077

■ 15.0580, 18.0175,
42.2198

■ 69.8426, 66.3964,
48.6704

■ 14.9821, 17.8955,
42.2003

■ 70.9645, 68.6403,
49.0444

Harmonies

Analogous

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



30.8524, 35.1435, 40.9966



31.6335, 35.1435, 44.6513



32.9032, 35.1435, 46.6395

Triad

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



31.6335, 35.1435, 44.6513



36.2115, 35.1435, 39.7214



32.4796, 35.1435, 31.2460

Complementary

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



31.6335, 35.1435, 44.6513



32.7150, 32.2726, 29.3166

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.



33.9075, 35.1435, 30.9588



31.6335, 35.1435, 44.6513



36.0901, 35.1435, 35.6581

Square

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



31.6335, 35.1435, 44.6513



35.5640, 35.1435, 43.6601



35.2370, 35.1435, 32.5192



31.3311, 35.1435, 33.3342

Rectangle

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



31.6335, 35.1435, 44.6513



33.8680, 35.1435, 46.6620



35.2370, 35.1435, 32.5192



32.9419, 35.1435, 30.9416

Sweetspot

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



31.6345, 35.1449, 44.6521



66.1394, 70.8128, 80.9881



31.1683, 37.6268, 33.9708



14.2672, 15.3026, 17.5894



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



31.6345, 35.1449, 44.6521



53.8231, 60.5186, 79.6503



28.9016, 29.6791, 43.7411



8.0489, 8.6971, 10.2072



11.0557, 13.2453, 31.0184



0.3499, 0.4531, 0.8770

Inverse Universe

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



33.3133, 30.3215, 39.2204



57.4412, 50.3867, 67.8849



35.4771, 37.7970, 30.2373



8.2425, 8.1102, 9.5877



15.4441, 7.6402, 15.2498



0.4510, 0.2211, 0.5367

Previews

White Background



This preview shows how the XYZ color 31.6335, 35.1435, 44.6513 looks on a white background.

Color Contrast Check

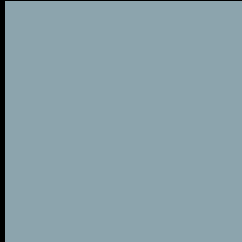
Large Text (above 18pt) WCAG AA × Fail

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 31.6335, 35.1435, 44.6513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

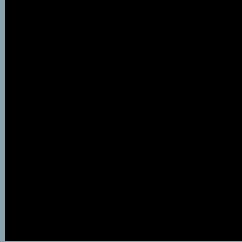
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.6335, 35.1435, 44.6513

Background



This preview shows how black text looks on a background with the XYZ color 31.6335, 35.1435, 44.6513.

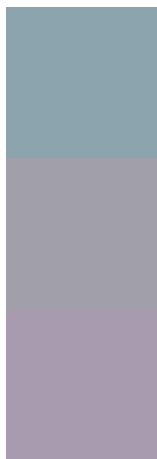


This preview shows how white text looks on a background with the XYZ color 31.6335, 35.1435,

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

31.6335, 35.1435, 44.6513

Protanopia

34.1510, 35.1721, 43.0192

Deuteranopia

35.6077, 34.8627, 45.4099



Tritanopia

31.9182, 34.9917, 46.1461

Trichromacy



Original Color

31.6335, 35.1435, 44.6513

Protanomaly

33.2324, 35.2023, 43.5713

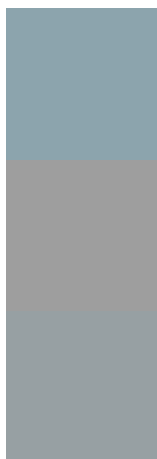
Deuteranomaly

33.9674, 34.7788, 44.9671

Tritanomaly

31.8196, 34.9523, 45.6268

Monochromacy



Original Color

31.6335, 35.1435, 44.6513

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.9442, 34.3653, 39.5999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6335, 35.1435, 44.6513 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, 164, 173)` looks like.

```
.text, #text, p{  
    color:rgb(140, 164, 173)  
}
```

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, 164, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 164, 173) }
```

Border

The CSS property to change the border of an element to XYZ 31.6335, 35.1435, 44.6513 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, 164, 173) }
```


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

```
.border{ border-color:rgb(140, 164, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 164, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 164, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 164, 173);  
box-shadow:4px 4px 4px 4px rgb(140, 164,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6335, 35.1435, 44.6513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 164, 173) }
```

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

```
.background{ background-color: rgb(140,  
164, 173) }
```

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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