

Converting Colors

XYZ(31.0362, 33.6482, 44.7865)

Have a look what the booklet for
XYZ(31.0362, 33.6482, 44.7865)
contains.

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Color

**XYZ(31.0226, 33.5150,
44.8784)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9FAE
RGB	141, 159, 174
RGB Percent	55%, 62%, 68%
CMY	0.4471, 0.3765, 0.3176
CMYK	0.19, 0.09, 0.00, 0.32
HSL	207°, 17%, 62%
HSV	207°, 19%, 68%
XYZ	31.0226, 33.5150, 44.8784
YIQ	155.3280, -15.5430, 0.8490

Conversions

Conversions Part 2

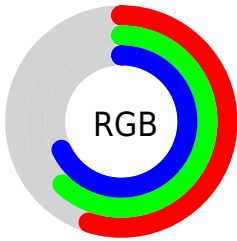
Format	Color
R_YB	141, 153, 174
Decimal	9281454
CIE Lab	64.58, -3.05, -9.92
CIE LCh	65, 10.376, 252.895
Yxy	33.5150, 0.2835, 0.3063
Android (android.graphics.Color)	4287471534 (0xFF8D9FAE)
YUV	155.3280, 9.2053, -12.5657
Hunter-Lab	57.8921, -5.6586, -5.4375

Details

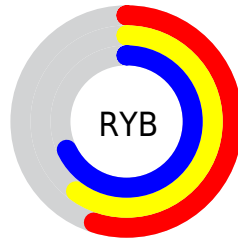
The XYZ color **31.0226, 33.5150, 44.8784** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1520, 34.6986, 30.0974**, and the grayscale version is **31.2672, 32.8955, 35.8232**.

A 20% lighter version of the original color is **60.6951, 65.3524, 83.5440**, and **13.0919, 14.3039, 20.4833** is the 20% darker color. If you saturate the color by 10%, you get **26.9768, 29.4755, 44.3125**, and if you desaturate by 10%, it is **35.6223, 37.9710, 45.4966**.

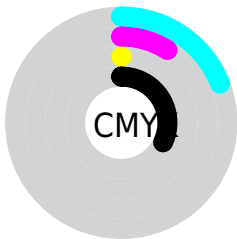
Distribution



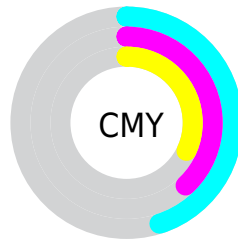
- Red (55%)
- Green (62%)
- Blue (68%)



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



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (32%)



- Cyan (45%)
- Magenta (38%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0226, 33.5150, 44.8784 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 31.0226, 33.5150, 44.8784 by changing the saturation by 10% instead.

■ 31.0226, 33.5150,
44.8784

■ 31.0226, 33.5150,
44.8784

298.4674,
317.9640, 382.4266

■ 20.7680, 22.5213,
31.0194

■ 60.6513, 65.1787,
83.8544

■ 13.0660, 14.2404,
20.3550

■ 80.7560, 86.6175,
109.8085

■ 7.5513, 8.2881,
12.4668

■ 104.8748,
112.3068, 140.6314

■ 3.8586, 4.2798,
6.9360

133.3730,
142.6309, 176.7416

■ 1.6224, 1.8313,
3.3443

166.6161,
177.9743, 218.5577

■ 0.4070, 0.5066,
1.2730

204.9692,

■ 0.0000, 0.0000,

218.7214, 266.4982

0.0395

248.7979,
265.2565, 320.9817

■ 0.0000, 0.0000,
0.0000

■ 31.0226, 33.5150,
44.8784

■ 31.0226, 33.5150,
44.8784

■ 26.9768, 29.4755,
44.3125

■ 35.6223, 37.9710,
45.4966

■ 23.4585, 25.8338,
43.7950

■ 40.7947, 42.8528,
46.1663

■ 20.4439, 22.5761,
43.3251

■ 46.5612, 48.1747,
46.8896

■ 17.9056, 19.6857,
42.9010

■ 52.9416, 53.9490,
47.6678

■ 15.8136, 17.1446,
42.5207

■ 59.9542, 60.1874,
48.5024

■ 14.1340, 14.9325,
42.1823

■ 67.6169, 66.9012,
49.3944

■ 12.8275, 13.0263,
41.8832

■ 73.0177, 72.5913,
50.2080

■ 11.8218, 11.3860,
41.6196

■ 75.0724, 76.7008,
50.8929

■ 11.7252, 11.2263,
41.5939

■ 77.2257, 81.0073,
51.6107

Harmonies

Analogous

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



29.8088, 33.5150, 42.3454



31.0226, 33.5150, 44.8784



32.4964, 33.5150, 45.0571

Triad

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



31.0226, 33.5150, 44.8784



34.7199, 33.5150, 34.6976



29.9509, 33.5150, 30.8236

Complementary

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



31.0226, 33.5150, 44.8784



34.1520, 34.6986, 30.0974

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.



31.2221, 33.5150, 29.0878



31.0226, 33.5150, 44.8784



33.9928, 33.5150, 31.2047

Square

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



31.0226, 33.5150, 44.8784



34.6625, 33.5150, 38.9504



32.7022, 33.5150, 29.2217



29.2034, 33.5150, 34.1396

Rectangle

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



31.0226, 33.5150, 44.8784



33.4309, 33.5150, 43.7975



32.7022, 33.5150, 29.2217



30.3294, 33.5150, 30.0479

Sweetspot

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



31.0236, 33.5164, 44.8792



67.1890, 71.3262, 82.8630



32.1092, 38.3307, 37.0928



14.8049, 15.7310, 18.4004



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.



31.0236, 33.5164, 44.8792



52.8912, 57.4476, 80.9377



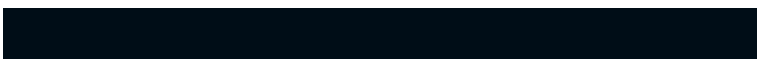
28.3951, 28.2594, 44.0030



7.9273, 8.4540, 10.1667



8.5642, 8.2622, 30.1879



0.2920, 0.3374, 0.8577

Inverse Universe

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



33.2392, 30.5523, 36.9478



57.7510, 51.2087, 63.4822



37.0831, 40.5608, 31.0744



8.1811, 8.0857, 9.2646



14.1864, 7.1371, 8.6272



0.4218, 0.2094, 0.3829

Previews

White Background



This preview shows how the XYZ color 31.0226, 33.5150, 44.8784 looks on a white background.

Color Contrast Check

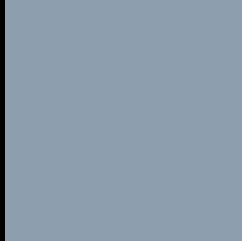
Large Text (above 18pt) WCAG AA × Fail

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 31.0226, 33.5150, 44.8784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

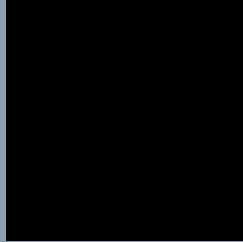
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

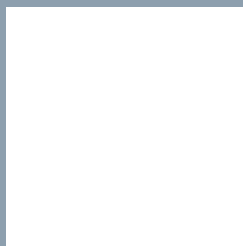
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0226, 33.5150, 44.8784

Background



This preview shows how black text looks on a background with the XYZ color 31.0226, 33.5150, 44.8784.



This preview shows how white text looks on a background with the XYZ color 31.0226, 33.5150,

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

31.0226, 33.5150, 44.8784

Protanopia

32.6853, 33.3898, 43.7519

Deuteranopia

34.0704, 33.3381, 45.1966



Tritanopia

30.8290, 33.4376, 43.8590

Trichromacy



Original Color

31.0226, 33.5150, 44.8784

Protanomaly

32.0090, 33.2781, 44.2714

Deuteranomaly

32.9768, 33.5064, 45.2868

Tritanomaly

30.9255, 33.4761, 44.3668

Monochromacy



Original Color

31.0226, 33.5150, 44.8784

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.9877, 32.8696, 38.8937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0226, 33.5150, 44.8784 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(141, 159, 174)` looks like.

```
.text, #text, p{  
    color:rgb(141, 159, 174)  
}
```

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(141, 159, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 159, 174) }
```

Border

The CSS property to change the border of an element to XYZ 31.0226, 33.5150, 44.8784 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(141, 159, 174) }
```


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

```
.border{ border-color:rgb(141, 159, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 159, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 159, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 159, 174);  
box-shadow:4px 4px 4px 4px rgb(141, 159,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0226, 33.5150, 44.8784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 159, 174) }
```

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

```
.background{ background-color: rgb(141,  
159, 174) }
```

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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