

Converting Colors

XYZ(29.7968, 35.8045, 31.7821)

Have a look what the booklet for
XYZ(29.7968, 35.8045, 31.7821)
contains.

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Color

**XYZ(29.8695, 35.8785,
31.7365)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA990
RGB	139, 169, 144
RGB Percent	55%, 66%, 56%
CMY	0.4549, 0.3372, 0.4353
CMYK	0.18, 0.00, 0.15, 0.34
HSL	130°, 15%, 60%
HSV	130°, 18%, 66%
XYZ	29.8695, 35.8785, 31.7365
YIQ	157.1800, -9.8550, -14.1350

Conversions

Conversions Part 2

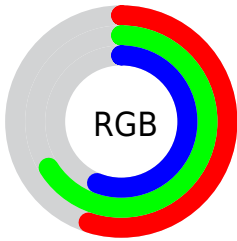
Format	Color
RYB	139, 165, 169
Decimal	9152912
CIELab	66.43, -15.35, 9.51
CIElCh	66, 18.057, 148.222
Yxy	35.8785, 0.3064, 0.3680
Android (android.graphics.Color)	4287342992 (0xFF8BA990)
YUV	157.1800, -6.4977, -15.9439
Hunter-Lab	59.8987, -15.8106, 10.5151

Details

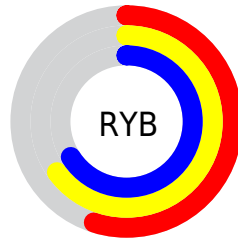
The XYZ color **29.8695, 35.8785, 31.7365** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.2970, 29.5815, 39.1313**, and the grayscale version is **32.1612, 33.8360, 36.8475**.

A 20% lighter version of the original color is **58.8410, 68.7260, 63.5903**, and **12.5015, 15.6546, 12.9524** is the 20% darker color. If you saturate the color by 10%, you get **26.2527, 34.1317, 26.2945**, and if you desaturate by 10%, it is **34.0588, 37.9070, 37.9079**.

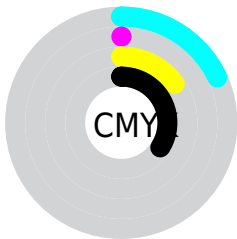
Distribution



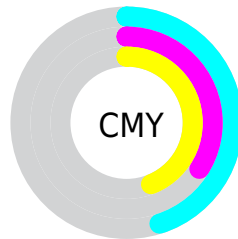
- Red (55%)
- Green (66%)
- Blue (56%)



- Red (55%)
- Yellow (65%)
- Blue (66%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (34%)



- Cyan (45%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8695, 35.8785, 31.7365 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 29.8695, 35.8785, 31.7365 by changing the saturation by 10% instead.

■ 29.8695, 35.8785,
31.7365

■ 29.8695, 35.8785,
31.7365

293.2164,
328.4292, 324.3728

■ 19.8871, 24.3404,
20.8972

■ 58.8438, 68.8445,
63.4909

■ 12.4208, 15.5863,
12.8583

■ 78.5664, 91.0411,
85.2430

■ 7.1052, 9.2319,
7.2015

■ 102.2665,
117.5594, 111.4698

■ 3.5749, 4.8927,
3.5081

130.3094,
148.7838, 142.5898

■ 1.4646, 2.1845,
1.3596

163.0605,
185.0985, 179.0216

■ 0.3015, 0.7115,
0.1099

200.8852,

■ 0.0000, 0.0000,

226.8880, 221.1836

0.0000

244.1487,
274.5368, 269.4945

■ 29.8695, 35.8785,
31.7365

■ 29.8695, 35.8785,
31.7365

■ 26.2527, 34.1317,
26.2945

■ 34.0588, 37.9070,
37.9079

■ 23.1806, 32.6498,
21.5526

■ 38.8411, 40.2240,
44.8318

■ 20.6275, 31.4210,
17.4831

■ 44.2394, 42.8421,
52.5332

■ 18.5642, 30.4311,
14.0555

■ 50.2747, 45.7714,
61.0352

■ 16.9589, 29.6642,
11.2369

■ 56.9668, 49.0219,
70.3601

■ 15.7757, 29.1027,
8.9917

■ 64.3347, 52.6028,
80.5291

■ 14.9732, 28.7261,
7.2802

■ 71.5442, 56.0835,
91.5229

■ 14.4879, 28.5025,
6.0572

■ 73.4786, 56.8573,
101.7095

■ 14.4002, 28.4619,
5.8437

Harmonies

Analogous

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



31.7012, 35.8785, 27.3588



29.8695, 35.8785, 31.7365



29.1639, 35.8785, 38.6054

Triad

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



29.8695, 35.8785, 31.7365



33.9404, 35.8785, 55.9200



38.8911, 35.8785, 32.4383

Complementary

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



29.8695, 35.8785, 31.7365



32.2970, 29.5815, 39.1313

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.



39.5670, 35.8785, 39.5294



29.8695, 35.8785, 31.7365



36.6199, 35.8785, 53.7104

Square

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



29.8695, 35.8785, 31.7365



31.4358, 35.8785, 53.1412



38.7153, 35.8785, 47.4442



36.9136, 35.8785, 27.7247

Rectangle

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



29.8695, 35.8785, 31.7365



29.3972, 35.8785, 43.9096



38.7153, 35.8785, 47.4442



39.2825, 35.8785, 34.5916

Sweetspot

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



29.8705, 35.8800, 31.7373



63.1697, 68.9395, 71.0561



34.2629, 38.1876, 29.9917



13.6471, 14.9671, 15.3110



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.



29.8705, 35.8800, 31.7373



51.0306, 63.0651, 53.1572



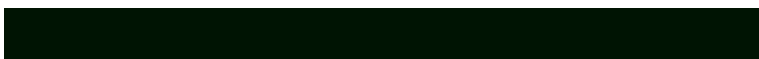
31.0513, 36.3523, 37.9553



7.4859, 8.4274, 8.2787



10.7459, 21.2171, 4.4289



0.2759, 0.5220, 0.1838

Inverse Universe

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



32.2970, 29.5815, 39.1313



56.1312, 49.8232, 68.6981



31.0608, 29.0871, 32.6217



7.7874, 7.6448, 9.1978



15.7856, 7.7230, 19.4804



0.3979, 0.1934, 0.5467

Previews

White Background



This preview shows how the XYZ color 29.8695, 35.8785, 31.7365 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 29.8695, 35.8785, 31.7365 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 29.8695, 35.8785, 31.7365

Background



This preview shows how black text looks on a background with the XYZ color 29.8695, 35.8785, 31.7365.



This preview shows how white text looks on a background with the XYZ color 29.8695, 35.8785,

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

29.8695, 35.8785, 31.7365

Protanopia

33.8407, 35.8182, 29.9410

Deuteranopia

36.2792, 35.4944, 32.5427



Tritanopia

32.8883, 35.7450, 46.7610

Trichromacy



Original Color

29.8695, 35.8785, 31.7365

Protanomaly

32.1837, 35.7431, 30.4021

Deuteranomaly

33.4850, 35.3239, 32.2475

Tritanomaly

31.7554, 35.8287, 40.8392

Monochromacy



Original Color

29.8695, 35.8785, 31.7365

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.9900, 34.2408, 34.6815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8695, 35.8785, 31.7365 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, 169, 144)` looks like.

```
.text, #text, p{  
    color:rgb(139, 169, 144)  
}
```

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, 169, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 169, 144) }
```

Border

The CSS property to change the border of an element to XYZ 29.8695, 35.8785, 31.7365 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, 169, 144) }
```


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

```
.border{ border-color:rgb(139, 169, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 169, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 169, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 169, 144);  
box-shadow:4px 4px 4px 4px rgb(139, 169,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8695, 35.8785, 31.7365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 169, 144) }
```

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

```
.background{ background-color: rgb(139,  
169, 144) }
```

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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