

Converting Colors

XYZ(29.7544, 35.0989, 29.9286)

Have a look what the booklet for
XYZ(29.7544, 35.0989, 29.9286)
contains.

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Color

**XYZ(29.6975, 35.0055,
30.0025)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA68C
RGB	143, 166, 140
RGB Percent	56%, 65%, 55%
CMY	0.4392, 0.3490, 0.4510
CMYK	0.14, 0.00, 0.16, 0.35
HSL	113°, 13%, 60%
HSV	113°, 16%, 65%
XYZ	29.6975, 35.0055, 30.0025
YIQ	156.1590, -5.3620, -12.9620

Conversions

Conversions Part 2

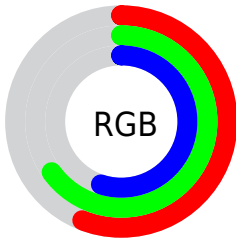
Format	Color
RYB	140, 166, 163
Decimal	9414284
CIELab	65.75, -13.10, 10.81
CIELCh	66, 16.982, 140.474
Yxy	35.0055, 0.3136, 0.3696
Android (android.graphics.Color)	4287604364 (0xFF8FA68C)
YUV	156.1590, -7.9664, -11.5404
Hunter-Lab	59.1654, -13.9433, 11.3502

Details

The XYZ color **29.6975, 35.0055, 30.0025** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **31.3668, 29.2969, 40.0799**, and the grayscale version is **31.7078, 33.3591, 36.3281**.

A 20% lighter version of the original color is **58.6200, 67.4783, 60.9739**, and **12.2764, 15.0481, 11.9304** is the 20% darker color. If you saturate the color by 10%, you get **26.1868, 33.3276, 23.9235**, and if you desaturate by 10%, it is **33.7277, 36.9319, 37.0713**.

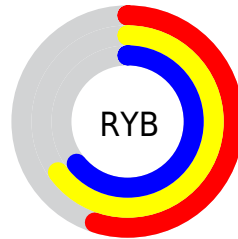
Distribution



Red (56%)

Green (65%)

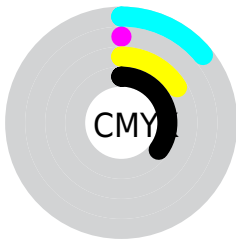
Blue (55%)



Red (55%)

Yellow (65%)

Blue (64%)

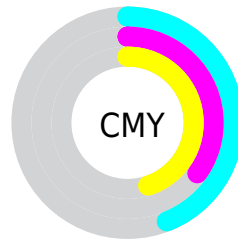


Cyan (14%)

Magenta (0%)

Yellow (16%)

Black (35%)



Cyan (44%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6975, 35.0055, 30.0025 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 29.6975, 35.0055, 30.0025 by changing the saturation by 10% instead.

■ 29.6975, 35.0055,
30.0025

■ 29.6975, 35.0055,
30.0025

292.4271,
324.5926, 316.1238

■ 19.7560, 23.6671,
19.5884

■ 58.5734, 67.4943,
60.7272

■ 12.3251, 15.0869,
11.9151

■ 78.2385, 89.4135,
81.8749

■ 7.0392, 8.8804,
6.5641

■ 101.8755,
115.6284, 107.4375

■ 3.5332, 4.6632,
3.1167

129.8499,
146.5234, 137.8336

■ 1.4416, 2.0511,
1.1545

162.5268,
182.4830, 173.4818

■ 0.2856, 0.6369,
0.0000

200.2718,

■ 0.0000, 0.0000,

223.8914, 214.8005

0.0000

243.4501,
271.1332, 262.2083

■ 29.6975, 35.0055,
30.0025

■ 29.6975, 35.0055,
30.0025

■ 26.1868, 33.3276,
23.9235

■ 33.7277, 36.9319,
37.0713

■ 23.1716, 31.8838,
18.7879

■ 38.2943, 39.1116,
45.1688

■ 20.6304, 30.6649,
14.5492

■ 43.4172, 41.5549,
54.3347

■ 18.5388, 29.6596,
11.1559

■ 49.1142, 44.2704,
64.6060

■ 16.8705, 28.8555,
8.5513

■ 55.4024, 47.2660,
76.0176

■ 15.5961, 28.2388,
6.6719

■ 62.2982, 50.5495,
88.6033

■ 14.6826, 27.7941,
5.4442

■ 69.6228, 54.0505,
101.3710

■ 14.0901, 27.5029,
4.7727

■ 72.9269, 55.7538,
101.5256

■ 13.9083, 27.4137,
4.5583

Harmonies

Analogous

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



31.6173, 35.0055, 26.6108



29.6975, 35.0055, 30.0025



28.7496, 35.0055, 35.8803

Triad

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



29.6975, 35.0055, 30.0025



32.4820, 35.0055, 53.3798



37.9846, 35.0055, 33.4964

Complementary

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



29.6975, 35.0055, 30.0025



31.3668, 29.2969, 40.0799

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.



38.2447, 35.0055, 40.4406



29.6975, 35.0055, 30.0025



34.9828, 35.0055, 52.5327

Square

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



29.6975, 35.0055, 30.0025



30.3032, 35.0055, 49.7594



37.1217, 35.0055, 47.5721



36.4279, 35.0055, 28.4457

Rectangle

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



29.6975, 35.0055, 30.0025



28.7621, 35.0055, 40.6748



37.1217, 35.0055, 47.5721



38.2295, 35.0055, 35.6650

Sweetspot

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



29.6984, 35.0070, 30.0033



61.6560, 67.2377, 68.0654



33.5523, 36.1847, 30.0275



13.6792, 14.9901, 15.0231



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.



29.6984, 35.0070, 30.0033



51.4386, 62.3559, 50.1751



29.9549, 35.0504, 34.0277



7.5142, 8.4476, 8.0238



10.8065, 21.2682, 3.5356



0.2867, 0.5297, 0.0871

Inverse Universe

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



31.3668, 29.2969, 40.0799



55.0839, 49.8751, 72.1989



31.1088, 29.2655, 35.4778



7.7555, 7.6221, 9.4808



14.6728, 6.9475, 28.5432



0.3802, 0.1810, 0.6955

Previews

White Background



This preview shows how the XYZ color 29.6975, 35.0055, 30.0025 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 29.6975, 35.0055, 30.0025 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 29.6975, 35.0055, 30.0025

Background



This preview shows how black text looks on a background with the XYZ color 29.6975, 35.0055, 30.0025.



This preview shows how white text looks on a background with the XYZ color 29.6975, 35.0055,

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

29.6975, 35.0055, 30.0025

Protanopia

32.9905, 34.8987, 28.2899

Deuteranopia

35.5696, 34.9181, 30.8518



Tritanopia

32.7793, 34.9353, 45.0599

Trichromacy



Original Color

29.6975, 35.0055, 30.0025

Protanomaly

31.7338, 35.0177, 28.7535

Deuteranomaly

33.0457, 34.6222, 30.5322

Tritanomaly

31.6514, 35.0061, 39.2711

Monochromacy



Original Color

29.6975, 35.0055, 30.0025

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.8383, 33.9229, 33.7766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6975, 35.0055, 30.0025 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(143, 166, 140)` looks like.

```
.text, #text, p{  
    color:rgb(143, 166, 140)  
}
```

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(143, 166, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 166, 140) }
```

Border

The CSS property to change the border of an element to XYZ 29.6975, 35.0055, 30.0025 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(143, 166, 140) }
```


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

```
.border{ border-color:rgb(143, 166, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 166, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 166, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 166, 140);  
box-shadow:4px 4px 4px 4px rgb(143, 166,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6975, 35.0055, 30.0025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 166, 140) }
```

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

```
.background{ background-color: rgb(143,  
166, 140) }
```

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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