

Converting Colors

XYZ(29.4095, 34.8324, 30.0185)

Have a look what the booklet for
XYZ(29.4095, 34.8324, 30.0185)
contains.

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Color

**XYZ(29.3543, 34.8286,
29.9864)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA68C
RGB	141, 166, 140
RGB Percent	55%, 65%, 55%
CMY	0.4471, 0.3490, 0.4510
CMYK	0.15, 0.00, 0.16, 0.35
HSL	118°, 13%, 60%
HSV	118°, 16%, 65%
XYZ	29.3543, 34.8286, 29.9864
YIQ	155.5610, -6.5540, -13.3860

Conversions

Conversions Part 2

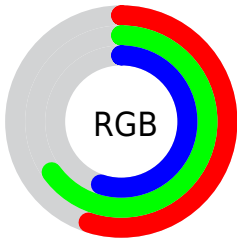
Format	Color
RYB	140, 166, 165
Decimal	9283212
CIELab	65.62, -13.82, 10.59
CIELCh	66, 17.410, 142.522
Yxy	34.8286, 0.3117, 0.3699
Android (android.graphics.Color)	4287473292 (0xFF8DA68C)
YUV	155.5610, -7.6716, -12.7700
Hunter-Lab	59.0158, -14.4921, 11.1853

Details

The XYZ color **29.3543, 34.8286, 29.9864** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **31.7796, 29.5097, 40.0992**, and the grayscale version is **31.4403, 33.0777, 36.0216**.

A 20% lighter version of the original color is **58.0997, 67.2100, 60.9496**, and **12.1772, 14.9970, 11.9258** is the 20% darker color. If you saturate the color by 10%, you get **25.7002, 33.0768, 23.9007**, and if you desaturate by 10%, it is **33.5862, 36.8589, 37.0646**.

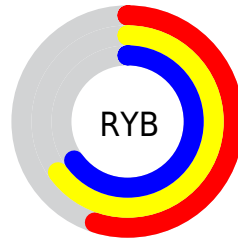
Distribution



Red (55%)

Green (65%)

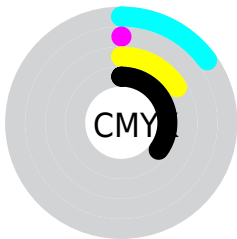
Blue (55%)



Red (55%)

Yellow (65%)

Blue (65%)

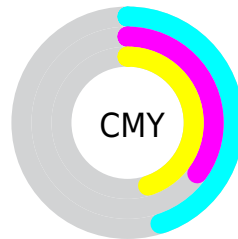


Cyan (15%)

Magenta (0%)

Yellow (16%)

Black (35%)



Cyan (45%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3543, 34.8286, 29.9864 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 29.3543, 34.8286, 29.9864 by changing the saturation by 10% instead.

■ 29.3543, 34.8286,
29.9864

■ 29.3543, 34.8286,
29.9864

290.8471,
323.8111, 316.0464

■ 19.4946, 23.5309,
19.5763

■ 58.0332, 67.2202,
60.7014

■ 12.1344, 14.9860,
11.9064

■ 77.5831, 89.0828,
81.8434

■ 6.9081, 8.8096,
6.5582

■ 101.0939,
115.2358, 107.3998

■ 3.4505, 4.6172,
3.1132

128.9308,
146.0637, 137.7891

■ 1.3962, 2.0244,
1.1527

161.4592,
181.9507, 173.4299

■ 0.2535, 0.6216,
0.0000

199.0445,

■ 0.0000, 0.0000,

223.2814, 214.7407

0.0000

242.0520,
270.4401, 262.1400

■ 29.3543, 34.8286,
29.9864

■ 29.3543, 34.8286,
29.9864

■ 25.7002, 33.0768,
23.9007

■ 33.5862, 36.8589,
37.0646

■ 22.5963, 31.5872,
18.7610

■ 38.4164, 39.1745,
45.1745

■ 20.0166, 30.3485,
14.5205

■ 43.8681, 41.7874,
54.3558

■ 17.9322, 29.3469,
11.1275

■ 49.9621, 44.7075,
64.6456

■ 16.3115, 28.5673,
8.5252

■ 56.7185, 47.9445,
76.0792

■ 15.1189, 27.9928,
6.6496

■ 64.1564, 51.5074,
88.6902

■ 14.3139, 27.6040,
5.4269

■ 72.0995, 55.3273,
101.4869

■ 13.8468, 27.3775,
4.7613

■ 72.9269, 55.7538,
101.5256

■ 13.7168, 27.3150,
4.5494

Harmonies

Analogous

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



31.2564, 34.8286, 26.3494



29.3543, 34.8286, 29.9864



28.4656, 34.8286, 36.1199

Triad

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



29.3543, 34.8286, 29.9864



32.4680, 34.8286, 53.6608



37.8543, 34.8286, 32.7823

Complementary

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



29.3543, 34.8286, 29.9864



31.7796, 29.5097, 40.0992

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.



38.2197, 34.8286, 39.7840



29.3543, 34.8286, 29.9864



35.0221, 34.8286, 52.4675

Square

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



29.3543, 34.8286, 29.9864



30.2022, 34.8286, 50.2256



37.1592, 34.8286, 47.1480



36.1850, 34.8286, 27.8128

Rectangle

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



29.3543, 34.8286, 29.9864



28.5336, 34.8286, 41.0569



37.1592, 34.8286, 47.1480



38.1371, 34.8286, 34.9517

Sweetspot

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



29.3552, 34.8301, 29.9872



61.4234, 67.1178, 68.0545



33.8622, 36.8044, 30.1307



13.6207, 14.9599, 15.0203



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.



29.3552, 34.8301, 29.9872



50.7079, 61.9792, 50.1409



30.0955, 35.1067, 34.7682



7.4624, 8.4210, 8.0214



10.6454, 21.1851, 3.5281



0.2671, 0.5196, 0.0862

Inverse Universe

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



31.7796, 29.5097, 40.0992



56.0061, 50.3505, 72.2421



30.9630, 29.2072, 34.7098



7.8130, 7.6517, 9.4835



16.5299, 7.9049, 28.6301



0.4106, 0.1967, 0.6970

Previews

White Background



This preview shows how the XYZ color 29.3543, 34.8286, 29.9864 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 29.3543, 34.8286, 29.9864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

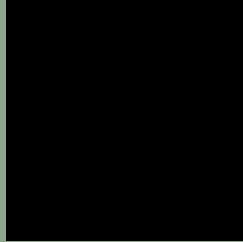
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.3543, 34.8286, 29.9864

Background



This preview shows how black text looks on a background with the XYZ color 29.3543, 34.8286, 29.9864.



This preview shows how white text looks on a background with the XYZ color 29.3543, 34.8286,

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

29.3543, 34.8286, 29.9864

Protanopia

32.7784, 34.7893, 28.2800

Deuteranopia

35.1715, 34.4689, 30.7860



Tritanopia

32.4175, 34.7488, 45.0430

Trichromacy



Original Color

29.3543, 34.8286, 29.9864

Protanomaly

31.5362, 34.9159, 28.7442

Deuteranomaly

32.8352, 34.5137, 30.5224

Tritanomaly

31.2958, 34.8228, 39.2544

Monochromacy



Original Color

29.3543, 34.8286, 29.9864

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 29.3543, 34.8286, 29.9864 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, 166, 140)` looks like.

```
.text, #text, p{  
    color:rgb(141, 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(141, 166, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 166, 140) }
```

Border

The CSS property to change the border of an element to XYZ 29.3543, 34.8286, 29.9864 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, 166, 140) }
```


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

```
.border{ border-color:rgb(141, 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(141, 166, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 166, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 166, 140);  
box-shadow:4px 4px 4px 4px rgb(141, 166,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3543, 34.8286, 29.9864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 166, 140) }
```

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

```
.background{ background-color: rgb(141,  
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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