

Converting Colors

XYZ(29.5600, 34.5591, 31.9629)

Have a look what the booklet for
XYZ(29.5600, 34.5591, 31.9629)
contains.

XYZ(29.5505, 34.6173, 31.9124)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.5505, 34.6173,
31.9124)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA591
RGB	141, 165, 145
RGB Percent	55%, 65%, 57%
CMY	0.4471, 0.3529, 0.4314
CMYK	0.15, 0.00, 0.12, 0.35
HSL	130°, 12%, 60%
HSV	130°, 15%, 65%
XYZ	29.5505, 34.6173, 31.9124
YIQ	155.5440, -7.8840, -11.3080

Conversions

Conversions Part 2

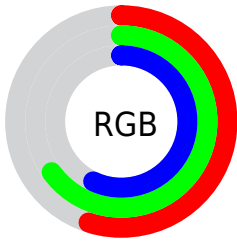
Format	Color
RYB	141, 162, 165
Decimal	9282961
CIELab	65.45, -12.35, 7.58
CIElCh	65, 14.493, 148.465
Yxy	34.6173, 0.3076, 0.3603
Android (android.graphics.Color)	4287473041 (0xFF8DA591)
YUV	155.5440, -5.1982, -12.7551
Hunter-Lab	58.8365, -13.3125, 9.0271

Details

The XYZ color **29.5505, 34.6173, 31.9124** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4762, 29.6232, 37.7787**, and the grayscale version is **31.4226, 33.0590, 36.0012**.

A 20% lighter version of the original color is **58.4077, 66.9120, 63.8697**, and **12.2851, 14.8606, 13.0474** is the 20% darker color. If you saturate the color by 10%, you get **25.9543, 32.8796, 26.5404**, and if you desaturate by 10%, it is **33.6950, 36.6248, 37.9815**.

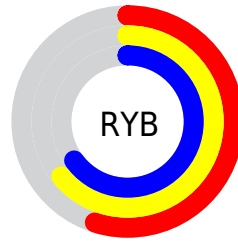
Distribution



Red (55%)

Green (65%)

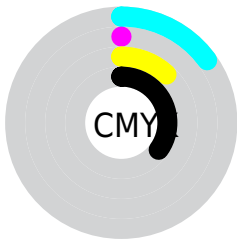
Blue (57%)



Red (55%)

Yellow (64%)

Blue (65%)

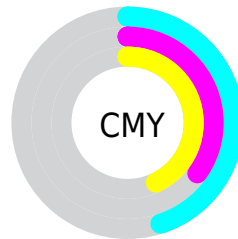


Cyan (15%)

Magenta (0%)

Yellow (12%)

Black (35%)



Cyan (45%)

Magenta (35%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5505, 34.6173, 31.9124 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 29.5505, 34.6173, 31.9124 by changing the saturation by 10% instead.

■ 29.5505, 34.6173,
31.9124

■ 29.5505, 34.6173,
31.9124

291.7511,
322.8759, 325.2004

■ 19.6440, 23.3682,
21.0303

■ 58.3421, 66.8925,
63.7700

■ 12.2433, 14.8656,
12.9547

■ 77.9580, 88.6874,
85.5827

■ 6.9830, 8.7251,
7.2670

■ 101.5410,
114.7663, 111.8760

■ 3.4977, 4.5623,
3.5487

129.4565,
145.5137, 143.0684

■ 1.4221, 1.9928,
1.3812

162.0700,
181.3140, 179.5785

■ 0.2719, 0.6033,
0.1270

199.7467,

■ 0.0000, 0.0000,

222.5515, 221.8249

0.0000

242.8519,
269.6107, 270.2260

■ 29.5505, 34.6173,
31.9124

■ 29.5505, 34.6173,
31.9124

■ 25.9543, 32.8796,
26.5404

■ 33.6950, 36.6248,
37.9815

■ 22.8806, 31.3959,
21.8383

■ 38.4066, 38.9084,
44.7690

■ 20.3056, 30.1556,
17.7805

■ 43.7066, 41.4795,
52.2983

■ 18.2028, 29.1456,
14.3389

■ 49.6144, 44.3477,
60.5908

■ 16.5431, 28.3514,
11.4833

■ 56.1487, 47.5221,
69.6672

■ 15.2938, 27.7571,
9.1810

■ 63.3271, 51.0114,
79.5473

■ 14.4182, 27.3443,
7.3959

■ 70.6111, 54.5377,
90.2244

■ 13.8717, 27.0910,
6.0878

■ 72.7458, 55.3916,
101.4653

■ 13.6594, 26.9930,
5.5576

Harmonies

Analogous

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



30.9986, 34.6173, 28.3360



29.5505, 34.6173, 31.9124



28.9952, 34.6173, 37.3806

Triad

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



29.5505, 34.6173, 31.9124



32.7937, 34.6173, 50.6027



36.6164, 34.6173, 32.3994

Complementary

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



29.5505, 34.6173, 31.9124



31.4762, 29.6232, 37.7787

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.



37.1464, 34.6173, 38.0058



29.5505, 34.6173, 31.9124



34.8833, 34.6173, 48.9102

Square

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



29.5505, 34.6173, 31.9124



30.8172, 34.6173, 48.5392



36.4993, 34.6173, 44.1312



35.0802, 34.6173, 28.5953

Rectangle

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



29.5505, 34.6173, 31.9124



29.1871, 34.6173, 41.5106



36.4993, 34.6173, 44.1312



36.9210, 34.6173, 34.1158

Sweetspot

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



29.5514, 34.6188, 31.9132



60.7186, 65.7716, 68.5648



33.0429, 36.4537, 30.4945



13.1488, 14.3182, 14.8074



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.5514, 34.6188, 31.9132



51.0447, 61.0887, 54.3684



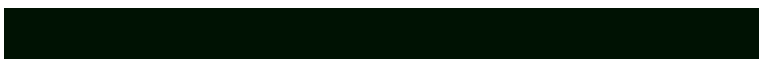
30.4924, 34.9952, 36.8684



7.0315, 7.9134, 7.7776



10.3462, 20.4248, 4.2734



0.2302, 0.4343, 0.1571

Inverse Universe

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



31.4762, 29.6232, 37.7787



55.0692, 50.6425, 66.6319



30.4999, 29.2327, 32.6373



7.3134, 7.1818, 8.6368



15.1978, 7.4352, 18.7643



0.3320, 0.1613, 0.4609

Previews

White Background



This preview shows how the XYZ color 29.5505, 34.6173, 31.9124 looks on a white background.

Color Contrast Check

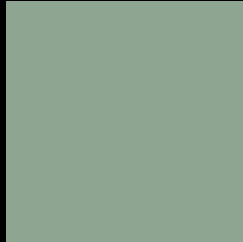
Large Text (above 18pt) WCAG AA × Fail

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 29.5505, 34.6173, 31.9124 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 29.5505, 34.6173, 31.9124

Background



This preview shows how black text looks on a background with the XYZ color 29.5505, 34.6173, 31.9124.



This preview shows how white text looks on a background with the XYZ color 29.5505, 34.6173,

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

29.5505, 34.6173, 31.9124

Protanopia

32.5516, 34.3761, 30.1189

Deuteranopia

35.0178, 34.3540, 32.3891



Tritanopia

32.2389, 34.6567, 45.0346

Trichromacy



Original Color

29.5505, 34.6173, 31.9124

Protanomaly

31.3377, 34.5107, 30.6007

Deuteranomaly

32.7623, 34.1886, 32.0664

Tritanomaly

31.0328, 34.4143, 39.6574

Monochromacy



Original Color

29.5505, 34.6173, 31.9124

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.8281, 33.6426, 34.5746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5505, 34.6173, 31.9124 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, 165, 145)` looks like.

```
.text, #text, p{  
    color:rgb(141, 165, 145)  
}
```

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, 165, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 165, 145) }
```

Border

The CSS property to change the border of an element to XYZ 29.5505, 34.6173, 31.9124 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, 165, 145) }
```


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

```
.border{ border-color:rgb(141, 165, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 165, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 165, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 165, 145); box-shadow:4px 4px 4px 4px rgb(141, 165, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5505, 34.6173, 31.9124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 165, 145) }
```

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

```
.background{ background-color: rgb(141,  
165, 145) }
```

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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