

Converting Colors

XYZ(29.7206, 35.0099, 32.7949)

Have a look what the booklet for
XYZ(29.7206, 35.0099, 32.7949)
contains.

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Color

**XYZ(29.7179, 34.9545,
32.7844)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA693
RGB	140, 166, 147
RGB Percent	55%, 65%, 58%
CMY	0.4510, 0.3490, 0.4235
CMYK	0.16, 0.00, 0.11, 0.35
HSL	136°, 13%, 60%
HSV	136°, 16%, 65%
XYZ	29.7179, 34.9545, 32.7844
YIQ	156.0600, -9.3970, -11.4210

Conversions

Conversions Part 2

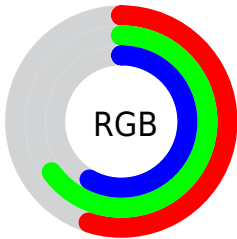
Format	Color
RYB	140, 160, 166
Decimal	9217683
CIELab	65.71, -12.85, 6.84
CIELCh	66, 14.555, 151.991
Yxy	34.9545, 0.3049, 0.3587
Android (android.graphics.Color)	4287407763 (0xFF8CA693)
YUV	156.0600, -4.4666, -14.0846
Hunter-Lab	59.1223, -13.7409, 8.5083

Details

The XYZ color **29.7179, 34.9545, 32.7844** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.3632, 29.3672, 36.8178**, and the grayscale version is **31.6498, 33.2981, 36.2616**.

A 20% lighter version of the original color is **58.6472, 67.3993, 65.1767**, and **12.3451, 15.0528, 13.3212** is the 20% darker color. If you saturate the color by 10%, you get **26.2268, 33.2600, 27.9113**, and if you desaturate by 10%, it is **33.7334, 36.9097, 38.2076**.

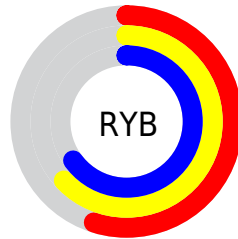
Distribution



Red (55%)

Green (65%)

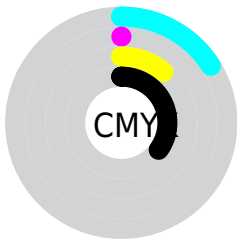
Blue (58%)



Red (55%)

Yellow (63%)

Blue (65%)

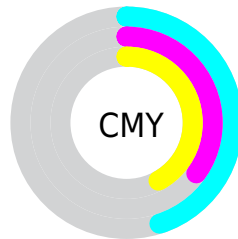


Cyan (16%)

Magenta (0%)

Yellow (11%)

Black (35%)



Cyan (45%)

Magenta (35%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7179, 34.9545, 32.7844 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 29.7179, 34.9545, 32.7844 by changing the saturation by 10% instead.

■ 29.7179, 34.9545,
32.7844

■ 29.7179, 34.9545,
32.7844

292.5208,
324.3675, 329.2793

■ 19.7716, 23.6278,
21.6916

■ 58.6055, 67.4153,
65.1509

■ 12.3364, 15.0578,
13.4343

■ 78.2774, 89.3182,
87.2617

■ 7.0470, 8.8599,
7.5941

■ 101.9219,
115.5153, 113.8821

■ 3.5381, 4.6499,
3.7523

129.9044,
146.3909, 145.4309

■ 1.4443, 2.0434,
1.4905

162.5902,
182.3296, 182.3264

■ 0.2875, 0.6325,
0.2108

200.3446,

■ 0.0000, 0.0000,

223.7156, 224.9873

0.0000

243.5330,
270.9335, 273.8321

■ 29.7179, 34.9545,
32.7844

■ 29.7179, 34.9545,
32.7844

■ 26.2268, 33.2600,
27.9113

■ 33.7334, 36.9097,
38.2076

■ 23.2351, 31.8108,
23.5688

■ 38.2910, 39.1314,
44.1951

■ 20.7205, 30.5966,
19.7396

■ 43.4112, 41.6309,
50.7633

■ 18.6574, 29.6047,
16.4045

■ 49.1124, 44.4173,
57.9273

■ 17.0179, 28.8211,
13.5433

■ 55.4123, 47.4995,
65.7017

■ 15.7708, 28.2303,
11.1342

■ 62.3279, 50.8858,
74.1006

■ 14.8806, 27.8143,
9.1537

■ 69.4311, 54.3555,
83.1168

■ 14.3017, 27.5501,
7.5760

■ 71.2139, 55.0686,
92.5048

■ 14.1046, 27.4609,
7.0087

■ 72.9269, 55.7538,
101.5256

Harmonies

Analogous

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



31.0886, 34.9545, 28.9060



29.7179, 34.9545, 32.7844



29.2746, 34.9545, 38.4707

Triad

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



29.7179, 34.9545, 32.7844



33.3665, 34.9545, 51.1073



36.8403, 34.9545, 32.1460

Complementary

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



29.7179, 34.9545, 32.7844



31.3632, 29.3672, 36.8178

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.



37.5118, 34.9545, 37.6512



29.7179, 34.9545, 32.7844



35.4534, 34.9545, 48.9662

Square

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



29.7179, 34.9545, 32.7844



31.3263, 34.9545, 49.4525



36.9938, 34.9545, 43.8721



35.1952, 34.9545, 28.5663

Rectangle

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



29.7179, 34.9545, 32.7844



29.5486, 34.9545, 42.6496



36.9938, 34.9545, 43.8721



37.1905, 34.9545, 33.8111

Sweetspot

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



29.7189, 34.9560, 32.7852



61.6654, 67.2013, 69.9324



32.6825, 36.5454, 30.1427



13.6816, 14.9809, 15.4926



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.



29.7189, 34.9560, 32.7852



51.4880, 62.2498, 56.1218



30.7919, 35.3852, 38.4357



7.5166, 8.4397, 8.4407



10.9541, 21.3004, 5.5253



0.2874, 0.5266, 0.2442

Inverse Universe

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



31.3632, 29.3672, 36.8178



55.0813, 50.0346, 64.9326



30.2985, 28.9413, 31.2113



7.7544, 7.6316, 9.0240



14.9058, 7.3710, 14.8476



0.3823, 0.1872, 0.4645

Previews

White Background



This preview shows how the XYZ color 29.7179, 34.9545, 32.7844 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 29.7179, 34.9545, 32.7844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

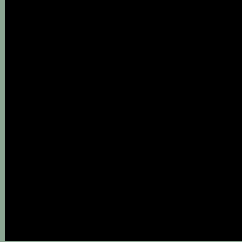
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

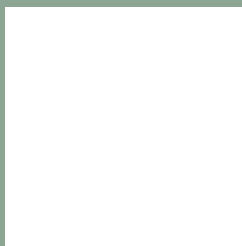
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.7179, 34.9545, 32.7844

Background



This preview shows how black text looks on a background with the XYZ color 29.7179, 34.9545, 32.7844.



This preview shows how white text looks on a background with the XYZ color 29.7179, 34.9545,

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

29.7179, 34.9545, 32.7844

Protanopia

33.0819, 34.8864, 30.9768

Deuteranopia

35.3405, 34.7461, 33.2778



Tritanopia

32.3352, 34.9555, 45.6003

Trichromacy



Original Color

29.7179, 34.9545, 32.7844

Protanomaly

31.8590, 35.0224, 31.4664

Deuteranomaly

32.8820, 34.4844, 32.9401

Tritanomaly

31.2164, 34.7506, 40.6596

Monochromacy



Original Color

29.7179, 34.9545, 32.7844

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.8983, 33.9255, 35.0568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7179, 34.9545, 32.7844 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(140, 166, 147) looks like.

```
.text, #text, p{  
    color:rgb(140, 166, 147)  
}
```

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(140, 166, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 166, 147) }
```

Border

The CSS property to change the border of an element to XYZ 29.7179, 34.9545, 32.7844 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(140, 166, 147) }
```


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

```
.border{ border-color:rgb(140, 166, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 166, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 166, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 166, 147);  
box-shadow:4px 4px 4px 4px rgb(140, 166,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7179, 34.9545, 32.7844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 166, 147) }
```

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

```
.background{ background-color: rgb(140,  
166, 147) }
```

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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