

Converting Colors

XYZ(29.2723, 34.2772, 41.6451)

Have a look what the booklet for
XYZ(29.2723, 34.2772, 41.6451)
contains.

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Color

**XYZ(29.3323, 34.2895,
41.6318)**

Conversions

Conversions Part 1

Format	Color
Hex	80A5A7
RGB	128, 165, 167
RGB Percent	50%, 65%, 65%
CMY	0.4980, 0.3529, 0.3451
CMYK	0.23, 0.01, 0.00, 0.35
HSL	183°, 18%, 58%
HSV	183°, 23%, 65%
XYZ	29.3323, 34.2895, 41.6318
YIQ	154.1650, -22.6940, -7.2220

Conversions

Conversions Part 2

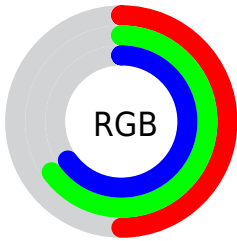
Format	Color
RYB	128, 147, 167
Decimal	8431015
CIELab	65.19, -12.08, -5.18
CIELCh	65, 13.139, 203.200
Yxy	34.2895, 0.2787, 0.3258
Android (android.graphics.Color)	4286621095 (0xFF80A5A7)
YUV	154.1650, 6.3277, -22.9467
Hunter-Lab	58.5572, -13.0615, -1.1627

Details

The XYZ color **29.3323, 34.2895, 41.6318** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.8157, 25.7394, 23.9250**, and the grayscale version is **30.7686, 32.3710, 35.2520**.

A 20% lighter version of the original color is **58.0694, 66.4054, 78.8642**, and **12.0602, 14.6258, 18.4071** is the 20% darker color. If you saturate the color by 10%, you get **26.8707, 32.7931, 41.4733**, and if you desaturate by 10%, it is **32.2104, 36.0039, 41.8116**.

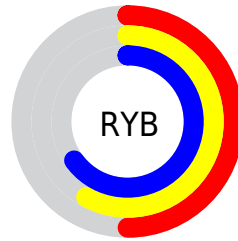
Distribution



Red (50%)

Green (65%)

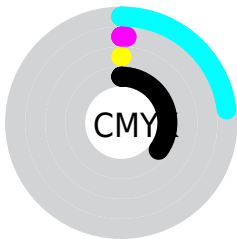
Blue (65%)



Red (50%)

Yellow (58%)

Blue (65%)

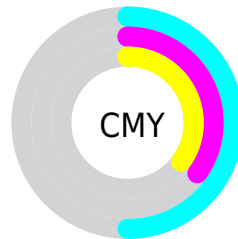


Cyan (23%)

Magenta (1%)

Yellow (0%)

Black (35%)



Cyan (50%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3323, 34.2895, 41.6318 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 29.3323, 34.2895, 41.6318 by changing the saturation by 10% instead.

■ 29.3323, 34.2895,
41.6318

■ 29.3323, 34.2895,
41.6318

290.7456,
321.4210, 368.7089

■ 19.4779, 23.1161,
28.4897

■ 57.9985, 66.3836,
78.9061

■ 12.1221, 14.6793,
18.4529

■ 77.5411, 88.0731,
103.8754

■ 6.8997, 8.5946,
11.1028

■ 101.0437,
114.0367, 133.6242

■ 3.4452, 4.4777,
6.0210

128.8718,
144.6589, 168.5709

■ 1.3933, 1.9442,
2.7888

161.3907,
180.3241, 209.1342

■ 0.2515, 0.5748,
0.9879

198.9657,

■ 0.0000, 0.0000,

221.4165, 255.7326

0.0000

241.9622,
268.3207, 308.7847

■ 29.3323, 34.2895,
41.6318

■ 29.3323, 34.2895,
41.6318

■ 26.8707, 32.7931,
41.4733

■ 32.2104, 36.0039,
41.8116

■ 24.8024, 31.5000,
41.3327

■ 35.5208, 37.9419,
42.0112

■ 23.1064, 30.4004,
41.2098

■ 39.2821, 40.1139,
42.2322

■ 21.7588, 29.4819,
41.1036

■ 43.5112, 42.5285,
42.4753

■ 20.7325, 28.7307,
41.0127

■ 48.2237, 45.1939,
42.7414

■ 19.9970, 28.1308,
40.9356

■ 53.4348, 48.1179,
43.0312

■ 19.5152, 27.6632,
40.8708

■ 59.1589, 51.3079,
43.3452

■ 19.2782, 27.3962,
40.8317

■ 62.9387, 53.4971,
43.5685

■ 63.1019, 53.8234,
43.6229

Harmonies

Analogous

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



29.0804, 34.2895, 36.1044



29.3323, 34.2895, 41.6318



30.4413, 34.2895, 46.4018

Triad

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



29.3323, 34.2895, 41.6318



35.6197, 34.2895, 43.9936



33.0277, 34.2895, 27.8393

Complementary

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



29.3323, 34.2895, 41.6318



27.8157, 25.7394, 23.9250

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.



34.8399, 34.2895, 29.5344



29.3323, 34.2895, 41.6318



36.3736, 34.2895, 38.5941

Square

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



29.3323, 34.2895, 41.6318



34.0587, 34.2895, 47.8557



36.0828, 34.2895, 33.3453



31.1664, 34.2895, 28.4824

Rectangle

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



29.3323, 34.2895, 41.6318



31.5416, 34.2895, 48.3309



36.0828, 34.2895, 33.3453



33.6637, 34.2895, 28.1486

Sweetspot

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



29.3333, 34.2909, 41.6326



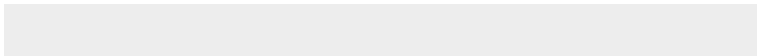
61.2837, 66.5922, 75.0989



26.7474, 33.8377, 26.2238



13.6387, 14.8580, 16.8012



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.



29.3333, 34.2909, 41.6326



50.1696, 59.9822, 74.4088



26.0875, 27.7992, 40.5506



7.7141, 8.4652, 9.6457



14.7628, 20.9857, 31.2481



0.3688, 0.5298, 0.7635

Inverse Universe

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



30.4479, 26.3712, 39.0843



52.5313, 43.3472, 68.9763



30.6521, 31.4123, 24.8704



7.8251, 7.6599, 9.3960



16.9522, 8.1896, 25.6234



0.4173, 0.2012, 0.6489

Previews

White Background



This preview shows how the XYZ color 29.3323, 34.2895, 41.6318 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 29.3323, 34.2895, 41.6318 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 29.3323, 34.2895, 41.6318

Background



This preview shows how black text looks on a background with the XYZ color 29.3323, 34.2895, 41.6318.

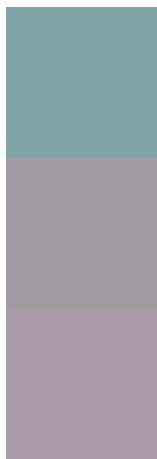


This preview shows how white text looks on a background with the XYZ color 29.3323, 34.2895,

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

29.3323, 34.2895, 41.6318

Protanopia

32.8766, 34.0935, 39.0303

Deuteranopia

34.7011, 33.9719, 42.2644



Tritanopia

30.4172, 34.4711, 46.6454

Trichromacy



Original Color

29.3323, 34.2895, 41.6318

Protanomaly

31.4844, 34.1178, 40.0480

Deuteranomaly

32.2617, 33.7134, 41.8527

Tritanomaly

29.8715, 34.2352, 44.5688

Monochromacy



Original Color

29.3323, 34.2895, 41.6318

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.1619, 32.9767, 37.5763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3323, 34.2895, 41.6318 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(128, 165, 167)` looks like.

```
.text, #text, p{  
    color:rgb(128, 165, 167)  
}
```

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(128, 165, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 165, 167) }
```

Border

The CSS property to change the border of an element to XYZ 29.3323, 34.2895, 41.6318 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(128, 165, 167) }
```


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

```
.border{ border-color:rgb(128, 165, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 165, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 165, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 165, 167);  
box-shadow:4px 4px 4px 4px rgb(128, 165,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3323, 34.2895, 41.6318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 165, 167) }
```

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

```
.background{ background-color: rgb(128,  
165, 167) }
```

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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