

Converting Colors

XYZ(27.9832, 34.4395, 32.2509)

Have a look what the booklet for
XYZ(27.9832, 34.4395, 32.2509)
contains.

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Color

**XYZ(27.9091, 34.3020,
32.3441)**

Conversions

Conversions Part 1

Format	Color
Hex	80A792
RGB	128, 167, 146
RGB Percent	50%, 65%, 57%
CMY	0.4980, 0.3451, 0.4274
CMYK	0.23, 0.00, 0.13, 0.35
HSL	148°, 18%, 58%
HSV	148°, 23%, 65%
XYZ	27.9091, 34.3020, 32.3441
YIQ	152.9450, -16.5030, -14.7990

Conversions

Conversions Part 2

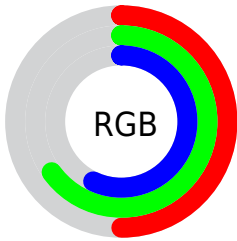
Format	Color
RYB	128, 155, 167
Decimal	8431506
CIELab	65.20, -17.67, 6.56
CIElCh	65, 18.851, 159.649
Yxy	34.3020, 0.2952, 0.3628
Android (android.graphics.Color)	4286621586 (0xFF80A792)
YUV	152.9450, -3.4239, -21.8768
Hunter-Lab	58.5679, -17.4340, 8.2547

Details

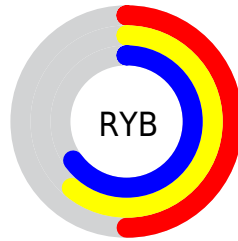
The XYZ color **27.9091, 34.3020, 32.3441** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.0815, 25.8245, 31.8871**, and the grayscale version is **30.2747, 31.8513, 34.6861**.

A 20% lighter version of the original color is **55.6027, 66.2364, 64.4979**, and **11.3839, 14.7257, 13.3087** is the 20% darker color. If you saturate the color by 10%, you get **24.9288, 32.8442, 28.6957**, and if you desaturate by 10%, it is **31.3598, 35.9978, 36.3032**.

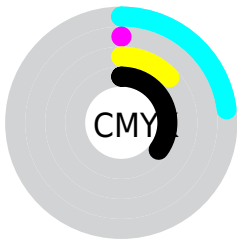
Distribution



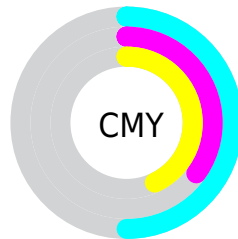
- Red (50%)
- Green (65%)
- Blue (57%)



- Red (50%)
- Yellow (61%)
- Blue (65%)



- Cyan (23%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)



- Cyan (50%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9091, 34.3020, 32.3441 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 27.9091, 34.3020, 32.3441 by changing the saturation by 10% instead.

■ 27.9091, 34.3020,
32.3441

■ 27.9091, 34.3020,
32.3441

284.1203,
321.4766, 327.2247

■ 18.3973, 23.1257,
21.3575

■ 55.7489, 66.4030,
64.4543

■ 11.3370, 14.6864,
13.1918

■ 74.8076, 88.0965,
86.4150

■ 6.3629, 8.5996,
7.4285

■ 97.7794, 114.0646,
112.8707

■ 3.1097, 4.4809,
3.6490

125.0294,
144.6916, 144.2401

■ 1.2121, 1.9461,
1.4348

156.9232,
180.3619, 180.9416

■ 0.1159, 0.5758,
0.1687

193.8260,

■ 0.0000, 0.0000,

221.4599, 223.3939

0.0000

236.1032,
268.3700, 272.0154

■ 27.9091, 34.3020,
32.3441

■ 27.9091, 34.3020,
32.3441

■ 24.9288, 32.8442,
28.6957

■ 31.3598, 35.9978,
36.3032

■ 22.3946, 31.6093,
25.3483

■ 35.2981, 37.9375,
40.5781

■ 20.2842, 30.5867,
22.2946

■ 39.7438, 40.1322,
45.1766

■ 18.5723, 29.7637,
19.5264

■ 44.7148, 42.5909,
50.1055

■ 17.2304, 29.1257,
17.0350

■ 50.2279, 45.3222,
55.3713

■ 16.2265, 28.6563,
14.8112

■ 56.2993, 48.3342,
60.9805

■ 15.5220, 28.3359,
12.8452

■ 62.9446, 51.6350,
66.9393

■ 15.1616, 28.1757,
11.6743

■ 67.7070, 53.9579,
73.1381

■ 68.9159, 54.4414,
79.5039

Harmonies

Analogous

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



29.3558, 34.3020, 26.8952



27.9091, 34.3020, 32.3441



27.6805, 34.3020, 39.9353

Triad

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



27.9091, 34.3020, 32.3441



33.4940, 34.3020, 54.2844



36.8297, 34.3020, 28.5257

Complementary

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



27.9091, 34.3020, 32.3441



29.0815, 25.8245, 31.8871

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.



38.0771, 34.3020, 34.8769



27.9091, 34.3020, 32.3441



36.0813, 34.3020, 50.2115

Square

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



27.9091, 34.3020, 32.3441



30.8051, 34.3020, 53.3553



37.7958, 34.3020, 42.8454



34.4696, 34.3020, 24.9143

Rectangle

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



27.9091, 34.3020, 32.3441



28.2357, 34.3020, 45.3206



37.7958, 34.3020, 42.8454



37.3989, 34.3020, 30.3718

Sweetspot

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



27.9100, 34.3034, 32.3449



60.4481, 66.5773, 69.7140



30.1929, 35.6295, 25.7083



13.4374, 14.8546, 15.5038



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.



27.9100, 34.3034, 32.3449



47.1294, 60.0344, 54.4893



29.5180, 34.9466, 40.8125



7.5754, 8.4632, 8.7500



11.6255, 21.5690, 9.0607



0.3089, 0.5352, 0.3574

Inverse Universe

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



29.0815, 25.8245, 31.8871



49.5967, 42.1734, 53.5229



27.6824, 25.2649, 24.5195



7.6937, 7.6073, 8.7040



13.6294, 6.8605, 8.1261



0.3570, 0.1771, 0.3315

Previews

White Background



This preview shows how the XYZ color 27.9091, 34.3020, 32.3441 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 27.9091, 34.3020, 32.3441 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 27.9091, 34.3020, 32.3441

Background



This preview shows how black text looks on a background with the XYZ color 27.9091, 34.3020, 32.3441.



This preview shows how white text looks on a background with the XYZ color 27.9091, 34.3020, 32.3441.

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

27.9091, 34.3020, 32.3441

Protanopia

32.3817, 34.0364, 30.0623

Deuteranopia

34.5575, 33.8565, 33.1473



Tritanopia

30.7652, 34.3973, 46.0921

Trichromacy



Original Color

27.9091, 34.3020, 32.3441

Protanomaly

30.6517, 34.1483, 30.9624

Deuteranomaly

31.7003, 33.6230, 32.8361

Tritanomaly

29.5827, 34.1731, 40.6342

Monochromacy



Original Color

27.9091, 34.3020, 32.3441

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.2335, 32.5850, 33.6029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9091, 34.3020, 32.3441 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, 167, 146)` looks like.

```
.text, #text, p{  
    color:rgb(128, 167, 146)  
}
```

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, 167, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 167, 146) }
```

Border

The CSS property to change the border of an element to XYZ 27.9091, 34.3020, 32.3441 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, 167, 146) }
```


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

```
.border{ border-color:rgb(128, 167, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 167, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 167, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 167, 146);  
box-shadow:4px 4px 4px 4px rgb(128, 167,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9091, 34.3020, 32.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 167, 146) }
```

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

```
.background{ background-color: rgb(128,  
167, 146) }
```

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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