

Converting Colors

XYZ(27.1597, 34.0472, 27.0402)

Have a look what the booklet for
XYZ(27.1597, 34.0472, 27.0402)
contains.

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Color

**XYZ(27.1895, 34.0492,
26.9689)**

Conversions

Conversions Part 1

Format	Color
Hex	82A784
RGB	130, 167, 132
RGB Percent	51%, 65%, 52%
CMY	0.4902, 0.3451, 0.4823
CMYK	0.22, 0.00, 0.21, 0.35
HSL	123°, 17%, 58%
HSV	123°, 22%, 65%
XYZ	27.1895, 34.0492, 26.9689
YIQ	151.9470, -10.8170, -18.7290

Conversions

Conversions Part 2

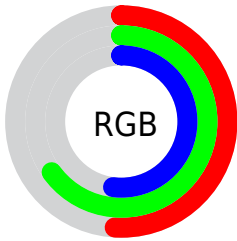
Format	Color
RYB	130, 165, 167
Decimal	8562564
CIELab	65.00, -19.69, 14.06
CIELCh	65, 24.195, 144.484
Yxy	34.0492, 0.3082, 0.3860
Android (android.graphics.Color)	4286752644 (0xFF82A784)
YUV	151.9470, -9.8339, -19.2475
Hunter-Lab	58.3517, -18.9418, 13.4436

Details

The XYZ color **27.1895, 34.0492, 26.9689** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.7117, 26.8981, 39.1720**, and the grayscale version is **29.8673, 31.4227, 34.2194**.

A 20% lighter version of the original color is **54.6454, 65.9357, 55.7457**, and **10.9620, 14.5761, 10.2184** is the 20% darker color. If you saturate the color by 10%, you get **23.8324, 32.4351, 21.5898**, and if you desaturate by 10%, it is **31.1279, 35.9460, 33.2313**.

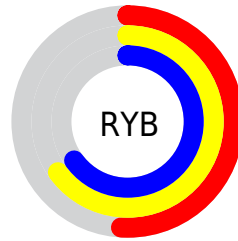
Distribution



Red (51%)

Green (65%)

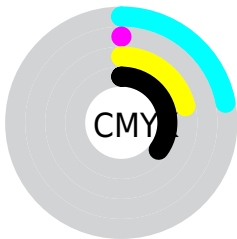
Blue (52%)



Red (51%)

Yellow (65%)

Blue (65%)

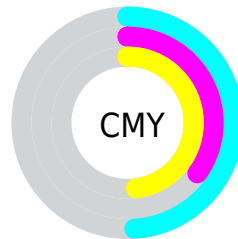


Cyan (22%)

Magenta (0%)

Yellow (21%)

Black (35%)



Cyan (49%)

Magenta (35%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1895, 34.0492, 26.9689 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 27.1895, 34.0492, 26.9689 by changing the saturation by 10% instead.

■ 27.1895, 34.0492,
26.9689

■ 27.1895, 34.0492,
26.9689

280.7243,
320.3514, 301.2619

■ 17.8529, 22.9314,
17.3176

■ 54.6055, 66.0102,
55.8371

■ 10.9435, 14.5429,
10.2969

■ 73.4157, 87.6221,
75.8911

■ 6.0959, 8.4992,
5.4881

■ 96.1145, 113.5009,
100.2498

■ 2.9447, 4.4160,
2.4727

123.0672,
144.0310, 129.3316

■ 1.1246, 1.9089,
0.8256

154.6391,
179.5966, 163.5552

■ 0.0455, 0.5537,
0.0000

191.1957,

■ 0.0000, 0.0000,

220.5823, 203.3391

0.0000

233.1024,
267.3724, 249.1018

■ 27.1895, 34.0492,
26.9689

■ 27.1895, 34.0492,
26.9689

■ 23.8324, 32.4351,
21.5898

■ 31.1279, 35.9460,
33.2313

■ 21.0266, 31.0862,
17.0520

■ 35.6705, 38.1335,
40.4117

■ 18.7434, 29.9896,
13.3138

■ 40.8421, 40.6250,
48.5458

■ 16.9504, 29.1294,
10.3287

■ 46.6656, 43.4312,
57.6669

■ 15.6116, 28.4884,
8.0458

■ 53.1625, 46.5628,
67.8063

■ 14.6863, 28.0467,
6.4076

■ 60.3534, 50.0297,
78.9944

■ 14.1261, 27.7808,
5.3477

■ 68.2580, 53.8413,
91.2599

■ 13.8688, 27.6585,
4.8669

■ 73.1094, 56.1188,
101.5865

Harmonies

Analogous

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



29.6537, 34.0492, 22.1574



27.1895, 34.0492, 26.9689



26.1172, 34.0492, 35.2524

Triad

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



27.1895, 34.0492, 26.9689



31.7203, 34.0492, 59.7507



38.8800, 34.0492, 29.6477

Complementary

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



27.1895, 34.0492, 26.9689



30.7117, 26.8981, 39.1720

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.



39.5322, 34.0492, 38.9569



27.1895, 34.0492, 26.9689



35.2320, 34.0492, 57.5198

Square

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



27.1895, 34.0492, 26.9689



28.6095, 34.0492, 55.0732



38.1538, 34.0492, 49.4318



36.4307, 34.0492, 23.4977

Rectangle

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



27.1895, 34.0492, 26.9689



26.2758, 34.0492, 42.1050



38.1538, 34.0492, 49.4318



39.3238, 34.0492, 32.4603

Sweetspot

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



27.1904, 34.0506, 26.9697



59.6992, 66.2778, 65.7708



33.3977, 37.2663, 26.5523



13.2577, 14.7826, 14.5572



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.



27.1904, 34.0506, 26.9697



45.3614, 59.3762, 42.9694



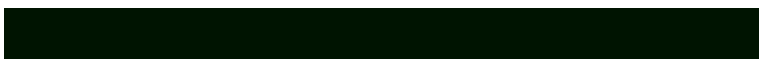
28.5589, 34.5980, 34.1761



7.4526, 8.4141, 8.1034



10.6180, 21.1660, 3.7554



0.2633, 0.5170, 0.1176

Inverse Universe

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



30.7117, 26.8981, 39.1720



52.8915, 44.0788, 69.0620



29.1591, 26.2771, 30.9960



7.8241, 7.6595, 9.3911



16.9212, 8.1772, 25.4605



0.4168, 0.2010, 0.6463

Previews

White Background



This preview shows how the XYZ color 27.1895, 34.0492, 26.9689 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 27.1895, 34.0492, 26.9689 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 27.1895, 34.0492, 26.9689

Background



This preview shows how black text looks on a background with the XYZ color 27.1895, 34.0492, 26.9689.



This preview shows how white text looks on a background with the XYZ color 27.1895, 34.0492,

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

27.1895, 34.0492, 26.9689

Protanopia

31.8241, 33.8617, 24.9373

Deuteranopia

34.2622, 33.5858, 27.5986



Tritanopia

30.7014, 33.8641, 44.9627

Trichromacy



Original Color

27.1895, 34.0492, 26.9689

Protanomaly

30.0337, 33.9447, 25.7379

Deuteranomaly

31.2603, 33.5166, 27.3760

Tritanomaly

29.1867, 33.7659, 37.7801

Monochromacy



Original Color

27.1895, 34.0492, 26.9689

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.6694, 32.0876, 31.4705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1895, 34.0492, 26.9689 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(130, 167, 132)` looks like.

```
.text, #text, p{  
    color:rgb(130, 167, 132)  
}
```

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(130, 167, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 167, 132) }
```

Border

The CSS property to change the border of an element to XYZ 27.1895, 34.0492, 26.9689 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(130, 167, 132) }
```


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

```
.border{ border-color:rgb(130, 167, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 167, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 167, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 167, 132);  
box-shadow:4px 4px 4px 4px rgb(130, 167,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1895, 34.0492, 26.9689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 167, 132) }
```

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

```
.background{ background-color: rgb(130,  
167, 132) }
```

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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