

Converting Colors

XYZ(27.6008, 34.9688, 18.3042)

Have a look what the booklet for
XYZ(27.6008, 34.9688, 18.3042)
contains.

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Color

**XYZ(27.6712, 35.0381,
18.4013)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA968
RGB	141, 169, 104
RGB Percent	55%, 66%, 41%
CMY	0.4471, 0.3372, 0.5921
CMYK	0.17, 0.00, 0.38, 0.34
HSL	86°, 27%, 54%
HSV	86°, 38%, 66%
XYZ	27.6712, 35.0381, 18.4013
YIQ	153.2180, 4.1770, -26.1510

Conversions

Conversions Part 2

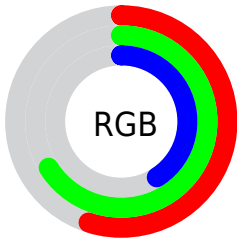
Format	Color
RYB	104, 169, 132
Decimal	9283944
CIELab	65.78, -21.11, 30.42
CIELCh	66, 37.027, 124.754
Yxy	35.0381, 0.3412, 0.4320
Android (android.graphics.Color)	4287474024 (0xFF8DA968)
YUV	153.2180, -24.2645, -10.7152
Hunter-Lab	59.1930, -20.1436, 23.0036

Details

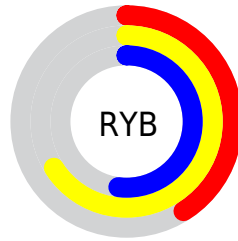
The XYZ color **27.6712, 35.0381, 18.4013** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.6288, 17.6717, 39.8090**, and the grayscale version is **30.4752, 32.0623, 34.9158**.

A 20% lighter version of the original color is **55.4214, 67.4474, 41.5501**, and **11.1707, 15.1223, 5.9446** is the 20% darker color. If you saturate the color by 10%, you get **25.7001, 34.1125, 14.2684**, and if you desaturate by 10%, it is **29.8976, 36.0776, 23.4456**.

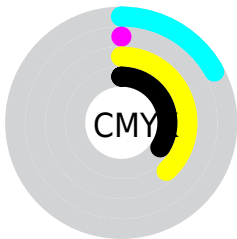
Distribution



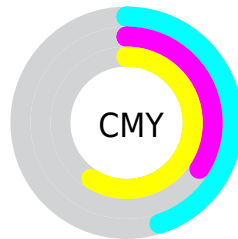
- Red (55%)
- Green (66%)
- Blue (41%)



- Red (41%)
- Yellow (66%)
- Blue (52%)



- Cyan (17%)
- Magenta (0%)
- Yellow (38%)
- Black (34%)



- Cyan (45%)
- Magenta (34%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6712, 35.0381, 18.4013 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 27.6712, 35.0381, 18.4013 by changing the saturation by 10% instead.

■ 27.6712, 35.0381,
18.4013

■ 27.6712, 35.0381,
18.4013

283.0011,
324.7365, 255.4350

■ 18.2171, 23.6922,
11.0661

■ 55.3714, 67.5448,
41.5431

■ 11.2066, 15.1055,
5.9966

■ 74.3482, 89.4744,
58.1867

■ 6.2743, 8.8934,
2.7742

■ 97.2300, 115.7007,
78.7702

■ 3.0548, 4.6717,
0.9805

■ 124.3822,
146.6081, 103.7122

■ 1.1828, 2.0560,
0.0000

156.1700,
182.5810, 133.4311

■ 0.0927, 0.6397,
0.0000

192.9588,

■ 0.0000, 0.0000,

224.0037, 168.3455

0.0000

235.1141,
271.2608, 208.8739

■ 27.6712, 35.0381,
18.4013

■ 27.6712, 35.0381,
18.4013

■ 25.7001, 34.1125,
14.2684

■ 29.8976, 36.0776,
23.4456

■ 23.9696, 33.2912,
10.9902

■ 32.3876, 37.2309,
29.4492

■ 22.4677, 32.5703,
8.5071


■ 35.1523, 38.5039,
36.4590

■ 21.1798, 31.9439,
6.7508


■ 38.2013, 39.9005,
44.5185


■ 20.0890, 31.4050,
5.6417

■ 41.5439, 41.4246,
53.6683


 19.1664, 30.9418,
5.0368

 45.1887, 43.0798,
63.9473

 19.0332, 30.8748,
4.9563

 49.1440, 44.8696,
75.3920

 53.4177, 46.7974,
88.0375

 57.8390, 48.7948,
100.9776

Harmonies

Analogous

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



32.4404, 35.0381, 15.3530



27.6712, 35.0381, 18.4013



24.6837, 35.0381, 26.7138

Triad

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



27.6712, 35.0381, 18.4013



29.0242, 35.0381, 72.3040



44.8942, 35.0381, 35.7133

Complementary

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



27.6712, 35.0381, 18.4013



21.6288, 17.6717, 39.8090

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.



43.7253, 35.0381, 52.4587



27.6712, 35.0381, 18.4013



34.1801, 35.0381, 76.6254

Square

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



27.6712, 35.0381, 18.4013



25.4030, 35.0381, 57.9770



39.6506, 35.0381, 68.5557



42.6907, 35.0381, 23.4539

Rectangle

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



27.6712, 35.0381, 18.4013



23.9070, 35.0381, 35.4681



39.6506, 35.0381, 68.5557



44.8846, 35.0381, 40.9650

Sweetspot

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



27.6721, 35.0396, 18.4021



61.0357, 68.0738, 60.3653



26.9896, 25.6907, 16.6335



13.1698, 14.7757, 12.8180



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.



27.6721, 35.0396, 18.4021



46.5736, 61.3494, 26.6582



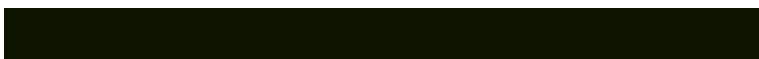
23.0458, 32.6547, 18.1855



7.8300, 8.6105, 8.0386



14.2469, 23.0418, 3.6966



0.4035, 0.5899, 0.0926

Inverse Universe

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



21.6288, 17.6717, 39.8090



34.2300, 25.8557, 70.4116



27.3370, 20.6144, 40.0761



7.4268, 7.4526, 9.4654



7.4333, 3.2154, 28.2044



0.2399, 0.1087, 0.6890

Previews

White Background



This preview shows how the XYZ color 27.6712, 35.0381, 18.4013 looks on a white background.

Color Contrast Check

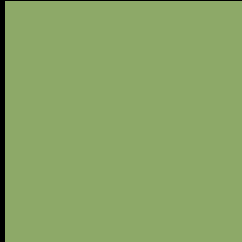
Large Text (above 18pt) WCAG AA × Fail

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 27.6712, 35.0381, 18.4013 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 27.6712, 35.0381, 18.4013

Background



This preview shows how black text looks on a background with the XYZ color 27.6712, 35.0381, 18.4013.



This preview shows how white text looks on a background with the XYZ color 27.6712, 35.0381,

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

27.6712, 35.0381, 18.4013

Protanopia

32.1539, 34.7150, 17.0626

Deuteranopia

35.5839, 34.9415, 19.0563



Tritanopia

33.0502, 35.0862, 44.5655

Trichromacy



Original Color

27.6712, 35.0381, 18.4013

Protanomaly

30.3464, 34.8154, 17.4325

Deuteranomaly

32.2856, 34.7420, 18.9142

Tritanomaly

30.6534, 34.8921, 33.1362

Monochromacy



Original Color

27.6712, 35.0381, 18.4013

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.1657, 32.9351, 27.7416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6712, 35.0381, 18.4013 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, 169, 104)` looks like.

```
.text, #text, p{  
    color:rgb(141, 169, 104)  
}
```

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, 169, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 169, 104) }
```

Border

The CSS property to change the border of an element to XYZ 27.6712, 35.0381, 18.4013 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, 169, 104) }
```


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

```
.border{ border-color:rgb(141, 169, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 169, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 169, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 169, 104);  
box-shadow:4px 4px 4px 4px rgb(141, 169,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6712, 35.0381, 18.4013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 169, 104) }
```

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

```
.background{ background-color: rgb(141,  
169, 104) }
```

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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