

Converting Colors

XYZ(27.5543, 35.5678, 19.9566)

Have a look what the booklet for
XYZ(27.5543, 35.5678, 19.9566)
contains.

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Color

**XYZ(27.4766, 35.4642,
19.8651)**

Conversions

Conversions Part 1

Format	Color
Hex	88AB6D
RGB	136, 171, 109
RGB Percent	53%, 67%, 43%
CMY	0.4667, 0.3294, 0.5725
CMYK	0.20, 0.00, 0.36, 0.33
HSL	94°, 27%, 55%
HSV	94°, 36%, 67%
XYZ	27.4766, 35.4642, 19.8651
YIQ	153.4670, -0.9580, -26.7020

Conversions

Conversions Part 2

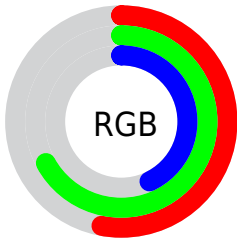
Format	Color
RYB	109, 171, 144
Decimal	8956781
CIELab	66.11, -23.31, 28.13
CIELCh	66, 36.535, 129.643
Yxy	35.4642, 0.3318, 0.4283
Android (android.graphics.Color)	4287146861 (0xFF88AB6D)
YUV	153.4670, -21.9222, -15.3186
Hunter-Lab	59.5518, -21.8576, 21.9085

Details

The XYZ color **27.4766, 35.4642, 19.8651** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.3224, 19.8078, 41.0714**, and the grayscale version is **30.5757, 32.1680, 35.0310**.

A 20% lighter version of the original color is **54.8646, 67.9131, 43.9351**, and **11.1587, 15.4512, 6.6692** is the 20% darker color. If you saturate the color by 10%, you get **25.1465, 34.3603, 15.4095**, and if you desaturate by 10%, it is **30.1289, 36.7157, 25.2721**.

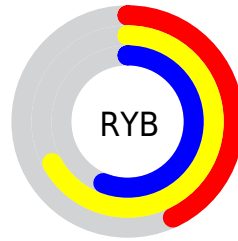
Distribution



Red (53%)

Green (67%)

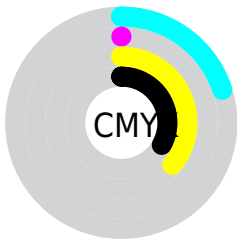
Blue (43%)



Red (43%)

Yellow (67%)

Blue (56%)

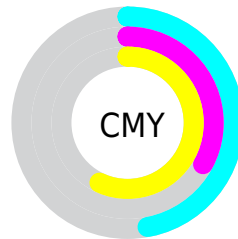


Cyan (20%)

Magenta (0%)

Yellow (36%)

Black (33%)



Cyan (47%)

Magenta (33%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4766, 35.4642, 19.8651 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 27.4766, 35.4642, 19.8651 by changing the saturation by 10% instead.

■ 27.4766, 35.4642,
19.8651

■ 27.4766, 35.4642,
19.8651

282.0830,
326.6126, 263.7639

■ 18.0699, 24.0207,
12.1139

■ 55.0622, 68.2043,
44.0469

■ 11.1002, 15.3490,
6.6978

■ 73.9719, 90.2696,
61.3146

■ 6.2021, 9.0647,
3.1983

■ 96.7799, 116.6443,
82.5915

■ 3.0102, 4.7834,
1.1968

■ 123.8517,
147.7128, 108.2963

■ 1.1591, 2.1207,
0.0000

155.5525,
183.8595, 138.8473

■ 0.0737, 0.6762,
0.0000

192.2478,

■ 0.0000, 0.0000,

225.4688, 174.6633

0.0000

234.3028,
272.9250, 216.1626

■ 27.4766, 35.4642,
19.8651

■ 27.4766, 35.4642,
19.8651

■ 25.1465, 34.3603,
15.4095

■ 30.1289, 36.7157,
25.2721

■ 23.1217, 33.3932,
11.8479

■ 33.1138, 38.1157,
31.6789

■ 21.3878, 32.5579,
9.1202

■ 36.4446, 39.6713,
39.1333

■ 19.9278, 31.8472,
7.1582

■ 40.1330, 41.3874,
47.6794

■ 18.7224, 31.2527,
5.8827

■ 44.1900, 43.2688,
57.3587

■ 17.7469, 30.7642,
5.1865

■ 48.6263, 45.3202,
68.2107

■ 17.4235, 30.6016,
4.9884

■ 53.4518, 47.5459,
80.2727

■ 58.6764, 49.9501,
93.5806

■ 63.0102, 52.0173,
101.3271

Harmonies

Analogous

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



31.9891, 35.4642, 16.0036



27.4766, 35.4642, 19.8651



24.8373, 35.4642, 29.1202

Triad

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



27.4766, 35.4642, 19.8651



30.2051, 35.4642, 73.9725



45.0820, 35.4642, 33.8200

Complementary

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



27.4766, 35.4642, 19.8651



24.3224, 19.8078, 41.0714

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.



44.4724, 35.4642, 49.9762



27.4766, 35.4642, 19.8651



35.4867, 35.4642, 76.2235

Square

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



27.4766, 35.4642, 19.8651



26.2913, 35.4642, 61.0014



40.8160, 35.4642, 66.5138



42.4019, 35.4642, 22.5088

Rectangle

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



27.4766, 35.4642, 19.8651



24.3094, 35.4642, 38.4285



40.8160, 35.4642, 66.5138



45.2611, 35.4642, 38.8011

Sweetspot

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



27.4775, 35.4657, 19.8659



62.2437, 69.6351, 63.2523



29.3938, 29.4384, 18.6015



13.7076, 15.4481, 13.7193



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.4775, 35.4657, 19.8659



45.6164, 61.8115, 28.6737



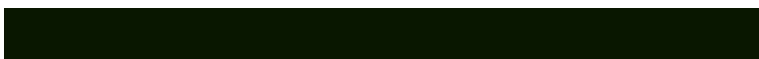
23.8009, 33.5507, 20.5805



8.2229, 9.1035, 8.5371



13.1924, 23.0980, 3.7631



0.4305, 0.6753, 0.1077

Inverse Universe

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



24.3224, 19.8078, 41.0714



39.0720, 29.3652, 72.6106



29.3232, 22.4196, 39.7807



7.9952, 7.9718, 10.0700



9.2819, 4.1449, 29.3553



0.3195, 0.1469, 0.8195

Previews

White Background



This preview shows how the XYZ color 27.4766, 35.4642, 19.8651 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 27.4766, 35.4642, 19.8651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

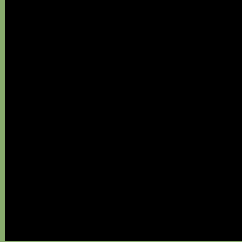
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.4766, 35.4642, 19.8651

Background



This preview shows how black text looks on a background with the XYZ color 27.4766, 35.4642, 19.8651.



This preview shows how white text looks on a background with the XYZ color 27.4766, 35.4642,

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

27.4766, 35.4642, 19.8651

Protanopia

32.5762, 35.1602, 18.4343

Deuteranopia

35.8577, 35.0511, 20.4984



Tritanopia

32.7877, 35.4400, 46.1868

Trichromacy



Original Color

27.4766, 35.4642, 19.8651

Protanomaly

30.3742, 35.0651, 18.8030

Deuteranomaly

32.2900, 34.9694, 20.3771

Tritanomaly

30.4590, 35.2902, 34.9121

Monochromacy



Original Color

27.4766, 35.4642, 19.8651

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.1188, 33.1508, 28.5309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4766, 35.4642, 19.8651 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(136, 171, 109)` looks like.

```
.text, #text, p{  
    color:rgb(136, 171, 109)  
}
```

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(136, 171, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 171, 109) }
```

Border

The CSS property to change the border of an element to XYZ 27.4766, 35.4642, 19.8651 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(136, 171, 109) }
```


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

```
.border{ border-color:rgb(136, 171, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 171, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 171, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 171, 109);  
box-shadow:4px 4px 4px 4px rgb(136, 171,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4766, 35.4642, 19.8651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 171, 109) }
```

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

```
.background{ background-color: rgb(136,  
171, 109) }
```

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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