

Converting Colors

XYZ(44.3606, 58.8409, 27.4320)

Have a look what the booklet for
XYZ(44.3606, 58.8409, 27.4320)
contains.

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Color

**XYZ(44.4309, 58.9519,
27.4495)**

Conversions

Conversions Part 1

Format	Color
Hex	A9D87A
RGB	169, 216, 122
RGB Percent	66%, 85%, 48%
CMY	0.3373, 0.1529, 0.5216
CMYK	0.22, 0.00, 0.44, 0.15
HSL	90°, 55%, 66%
HSV	90°, 44%, 85%
XYZ	44.4309, 58.9519, 27.4495
YIQ	191.2310, 2.1620, -39.1980

Conversions

Conversions Part 2

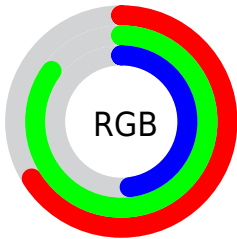
Format	Color
RYB	122, 216, 169
Decimal	11131002
CIELab	81.27, -31.20, 41.35
CIELCh	81, 51.803, 127.031
Yxy	58.9519, 0.3396, 0.4506
Android (android.graphics.Color)	4289321082 (0xFFA9D87A)
YUV	191.2310, -34.1309, -19.4966
Hunter-Lab	76.7801, -31.0714, 32.5495

Details

The XYZ color **44.4309, 58.9519, 27.4495** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **35.7190, 27.3137, 68.3585**, and the grayscale version is **49.8477, 52.4437, 57.1112**.

A 20% lighter version of the original color is **74.9605, 90.8233, 54.6541**, and **20.9524, 29.5895, 10.5683** is the 20% darker color. If you saturate the color by 10%, you get **41.0166, 57.3314, 21.0632**, and if you desaturate by 10%, it is **48.3370, 60.7952, 35.4139**.

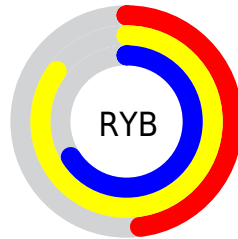
Distribution



Red (66%)

Green (85%)

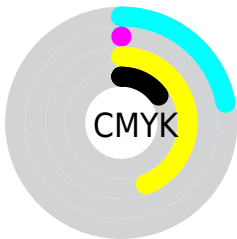
Blue (48%)



Red (48%)

Yellow (85%)

Blue (66%)

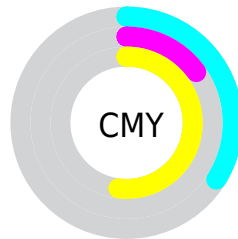


Cyan (22%)

Magenta (0%)

Yellow (44%)

Black (15%)



Cyan (34%)


Magenta (15%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4309, 58.9519, 27.4495 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 44.4309, 58.9519, 27.4495 by changing the saturation by 10% instead.


 44.4309, 58.9519,
27.4495


 44.4309, 58.9519,
27.4495


355.2864,
420.7236, 303.6557


 31.2088, 42.5744,
17.6757


 81.1081, 103.3078,
56.6168

 20.9105, 29.5513,
10.5504


 105.2939,
132.0549, 76.8474

 13.1707, 19.4983,
5.6550

 133.8649,
165.6940, 101.4006

 7.6240, 12.0309,
2.5711

167.1865,
204.6096, 130.6951

 3.9051, 6.7647,
0.8775

205.6241,
249.1859, 165.1493

 1.6486, 3.3154,
0.0000

249.5431,

 0.4237, 1.2985,

299.8075, 205.1817

0.0000

299.3087,
356.8586, 251.2110

■ 0.0000, 0.1401,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.4309, 58.9519,
27.4495

■ 44.4309, 58.9519,
27.4495

■ 41.0166, 57.3314,
21.0632

■ 48.3370, 60.7952,
35.4139

■ 38.0653, 55.9158,
16.1459


■ 52.7532, 62.8631,
45.0480


■ 35.5512, 54.6960,
12.5809


■ 57.7018, 65.1672,
56.4412


■ 33.4436, 53.6593,
10.2319


■ 63.2025, 67.7157,
69.6752


 31.7059, 52.7904,
8.9340

 69.2739, 70.5166,
84.8267

 30.7407, 52.3020,
8.4751

 75.9336, 73.5773,
101.9679

 80.1266, 75.6762,
104.9916

 83.8471, 77.5942,
105.1657

Harmonies

Analogous

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



53.5278, 58.9519, 21.4016



44.4309, 58.9519, 27.4495



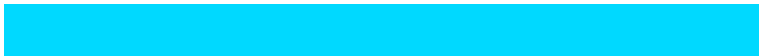
39.0016, 58.9519, 43.6618

Triad

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



44.4309, 58.9519, 27.4495



48.3114, 58.9519, 136.0105



79.2773, 58.9519, 57.1789

Complementary

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



44.4309, 58.9519, 27.4495



35.7190, 27.3137, 68.3585

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.



77.4136, 58.9519, 90.3116



44.4309, 58.9519, 27.4495



58.6132, 58.9519, 143.1748

Square

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



44.4309, 58.9519, 27.4495



41.0328, 58.9519, 107.0911



69.4948, 58.9519, 124.3482



74.3023, 58.9519, 34.6155

Rectangle

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



44.4309, 58.9519, 27.4495



37.7439, 58.9519, 61.1569



69.4948, 58.9519, 124.3482



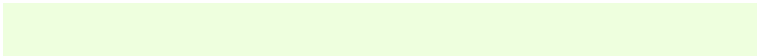
79.4391, 58.9519, 67.3189

Sweetspot

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



44.4324, 58.9545, 27.4508



84.3270, 95.0365, 82.9012



46.0220, 44.3822, 24.5543



17.6896, 20.1745, 16.8993



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



44.4324, 58.9545, 27.4508



60.2083, 83.7149, 31.5278



36.0966, 54.6572, 27.0607



12.8480, 14.1979, 13.2240



18.3190, 31.0201, 5.0220



1.2004, 1.9202, 0.3074

Inverse Universe

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



35.7190, 27.3137, 68.3585



45.9720, 32.0187, 98.3650



47.6755, 33.4775, 68.9181



12.3283, 12.3107, 15.6639



11.1220, 4.8861, 38.8101



0.7663, 0.3439, 2.3453

Previews

White Background



This preview shows how the XYZ color 44.4309, 58.9519, 27.4495 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 44.4309, 58.9519, 27.4495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

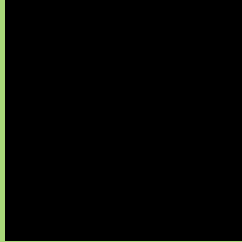
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4309, 58.9519, 27.4495

Background



This preview shows how black text looks on a background with the XYZ color 44.4309, 58.9519, 27.4495.

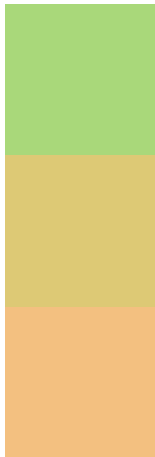


This preview shows how white text looks on a background with the XYZ color 44.4309, 58.9519,

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

44.4309, 58.9519, 27.4495

Protanopia

53.9163, 58.4298, 25.2660

Deuteranopia

59.7081, 58.3125, 28.5306



Tritanopia

54.4109, 58.9504, 76.9174

Trichromacy



Original Color

44.4309, 58.9519, 27.4495

Protanomaly

49.7582, 58.0311, 26.0313

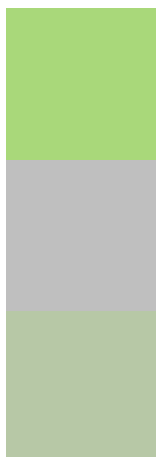
Deuteranomaly

52.9714, 57.8786, 28.1185

Tritanomaly

49.9175, 58.5687, 54.5729

Monochromacy



Original Color

44.4309, 58.9519, 27.4495

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

47.0656, 54.1290, 44.0437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4309, 58.9519, 27.4495 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(169, 216, 122)` looks like.

```
.text, #text, p{  
    color:rgb(169, 216, 122)  
}
```

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(169, 216, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 216, 122) }
```

Border

The CSS property to change the border of an element to XYZ 44.4309, 58.9519, 27.4495 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(169, 216, 122) }
```


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

```
.border{ border-color:rgb(169, 216, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 216, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 216, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 216, 122);  
box-shadow:4px 4px 4px 4px rgb(169, 216,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4309, 58.9519, 27.4495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 216, 122) }
```

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

```
.background{ background-color: rgb(169,  
216, 122) }
```

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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