

Converting Colors

XYZ(28.0449, 44.2969, 27.2520)

Have a look what the booklet for
XYZ(28.0449, 44.2969, 27.2520)
contains.

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Color

**XYZ(28.0919, 44.3576,
27.1599)**

Conversions

Conversions Part 1

Format	Color
Hex	56C77F
RGB	86, 199, 127
RGB Percent	34%, 78%, 50%
CMY	0.6627, 0.2196, 0.5020
CMYK	0.57, 0.00, 0.36, 0.22
HSL	142°, 50%, 56%
HSV	142°, 57%, 78%
XYZ	28.0919, 44.3576, 27.1599
YIQ	157.0050, -44.2360, -46.3480

Conversions

Conversions Part 2

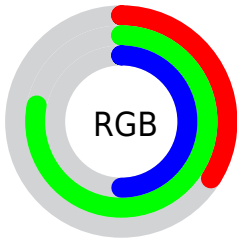
Format	Color
RYB	86, 169, 199
Decimal	5687167
CIELab	72.47, -48.27, 26.63
CIELCh	72, 55.126, 151.112
Yxy	44.3576, 0.2820, 0.4453
Android (android.graphics.Color)	4283877247 (0xFF56C77F)
YUV	157.0050, -14.7925, -62.2714
Hunter-Lab	66.6015, -41.2630, 22.4428

Details

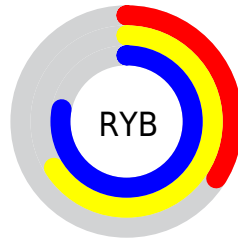
The XYZ color **28.0919, 44.3576, 27.1599** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **33.0539, 21.2671, 34.7120**, and the grayscale version is **32.1297, 33.8029, 36.8114**.

A 20% lighter version of the original color is **55.4998, 80.7446, 55.8401**, and **11.4255, 20.5404, 10.3837** is the 20% darker color. If you saturate the color by 10%, you get **25.7335, 43.2326, 23.0043**, and if you desaturate by 10%, it is **31.0667, 45.7908, 31.8893**.

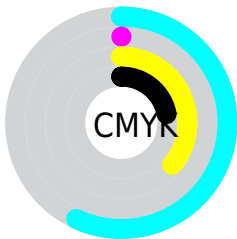
Distribution



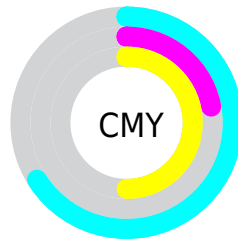
- Red (34%)
- Green (78%)
- Blue (50%)



- Red (34%)
- Yellow (66%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)





- Cyan (66%)
- Magenta (22%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0919, 44.3576, 27.1599 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 28.0919, 44.3576, 27.1599 by changing the saturation by 10% instead.


 28.0919, 44.3576,
27.1599


 28.0919, 44.3576,
27.1599


284.9779,
364.1656, 302.2151


 18.5358, 30.9517,
17.4598


 56.0387, 81.7556,
56.1472


 11.4373, 20.5621,
10.3975


 75.1602, 106.5165,
76.2715

 6.4312, 12.8043,
5.5543


 98.2007, 135.8312,
100.7077

 3.1522, 7.2939,
2.5116

 125.5257,
170.0841, 129.8743

 1.2347, 3.6466,
0.8463

157.5006,
209.6596, 164.1897

 0.1335, 1.4779,
0.0000

194.4907,

 0.0000, 0.2731,

254.9421, 204.0727

0.0000

236.8614,
306.3159, 249.9416

■ 0.0000, 0.0000,
0.0000

■ 28.0919, 44.3576,
27.1599

■ 28.0919, 44.3576,
27.1599

■ 25.7335, 43.2326,
23.0043

■ 31.0667, 45.7908,
31.8893

■ 23.9406, 42.3863,
19.3971

■ 34.6965, 47.5480,
37.2104

■ 22.6596, 41.7928,
16.3154

■ 39.0208, 49.6504,
43.1441

■ 21.8187, 41.4156,
13.7331

■ 44.0750, 52.1159,
49.7095

■ 21.6007, 41.3191,
13.0028

■ 49.8917, 54.9608,
56.9246

■ 56.5018, 58.2008,
64.8068

■ 63.9343, 61.8505,
73.3728

■ 72.2167, 65.9238,
82.6387

■ 77.5596, 68.4667,
92.4416

Harmonies

Analogous

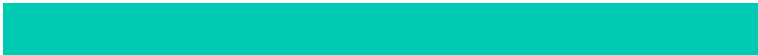
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.4007, 44.3576, 15.9060



28.0919, 44.3576, 27.1599



26.3942, 44.3576, 49.3216

Triad

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



28.0919, 44.3576, 27.1599



42.5165, 44.3576, 121.8517



59.8327, 44.3576, 25.9778

Complementary

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



28.0919, 44.3576, 27.1599



33.0539, 21.2671, 34.7120

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.



63.2116, 44.3576, 47.2884



28.0919, 44.3576, 27.1599



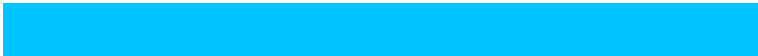
52.3320, 44.3576, 108.4351

Square

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



28.0919, 44.3576, 27.1599



33.9298, 44.3576, 110.1875



60.2821, 44.3576, 78.2697



51.6251, 44.3576, 15.4261

Rectangle

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



28.0919, 44.3576, 27.1599



27.3001, 44.3576, 69.7222



60.2821, 44.3576, 78.2697



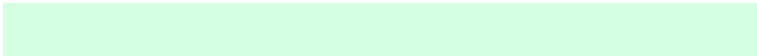
61.6218, 44.3576, 31.7846

Sweetspot

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



28.0930, 44.3594, 27.1609



76.7280, 91.0321, 86.4743



36.4921, 48.9378, 16.3270



16.0168, 19.2863, 17.9903



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.



28.0930, 44.3594, 27.1609



44.2785, 75.3254, 38.7978



32.7112, 46.2067, 51.4796



10.6539, 11.9504, 12.1274



13.9277, 26.5835, 8.5639



0.6942, 1.2726, 0.5882

Inverse Universe

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



33.0539, 21.2671, 34.7120



53.7511, 31.0440, 53.0778



29.3278, 19.7767, 15.0908



10.9135, 10.7488, 12.5277



17.6432, 8.8069, 13.8630



0.8693, 0.4305, 0.8347

Previews

White Background



This preview shows how the XYZ color 28.0919, 44.3576, 27.1599 looks on a white background.

Color Contrast Check

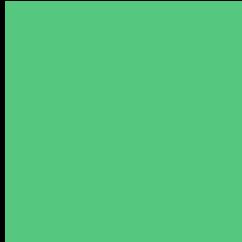
Large Text (above 18pt) WCAG AA × Fail

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 28.0919, 44.3576, 27.1599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

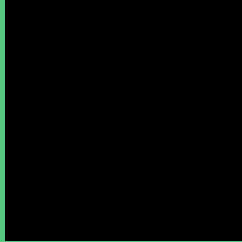
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.0919, 44.3576, 27.1599

Background



This preview shows how black text looks on a background with the XYZ color 28.0919, 44.3576, 27.1599.

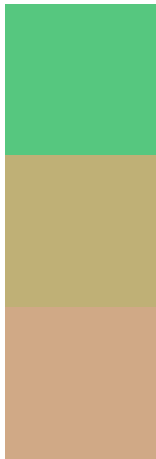


This preview shows how white text looks on a background with the XYZ color 28.0919, 44.3576,

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

28.0919, 44.3576, 27.1599

Protanopia

40.2812, 43.4350, 23.4003

Deuteranopia

44.5035, 43.5071, 28.6064



Tritanopia

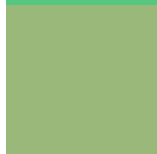
35.6172, 44.4228, 64.4548

Trichromacy



Original Color

28.0919, 44.3576, 27.1599



Protanomaly

33.7285, 42.4338, 24.5020



Deuteranomaly

35.7278, 42.1737, 27.7300



Tritanomaly

32.2613, 44.0236, 48.3920

Monochromacy



Original Color

28.0919, 44.3576, 27.1599



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

29.3009, 36.4057, 32.6768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0919, 44.3576, 27.1599 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(86, 199, 127)` looks like.

```
.text, #text, p{  
    color:rgb(86, 199, 127)  
}
```

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(86, 199, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 199, 127) }
```

Border

The CSS property to change the border of an element to XYZ 28.0919, 44.3576, 27.1599 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(86, 199, 127) }
```


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

```
.border{ border-color:rgb(86, 199, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 199, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 199, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 199, 127);  
box-shadow:4px 4px 4px 4px rgb(86, 199,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0919, 44.3576, 27.1599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 199, 127) }
```

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

```
.background{ background-color: rgb(86, 199,  
127) }
```

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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