

Converting Colors

XYZ(27.6194, 42.3795, 29.2786)

Have a look what the booklet for
XYZ(27.6194, 42.3795, 29.2786)
contains.

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Color

**XYZ(27.6194, 42.3795,
29.2786)**

Conversions

Conversions Part 1

Format	Color
Hex	58C286
RGB	88, 194, 134
RGB Percent	35%, 76%, 53%
CMY	0.6549, 0.2392, 0.4745
CMYK	0.55, 0.00, 0.31, 0.24
HSL	146°, 46%, 55%
HSV	146°, 55%, 76%
XYZ	27.6194, 42.3795, 29.2786
YIQ	155.4660, -43.9160, -41.1320

Conversions

Conversions Part 2

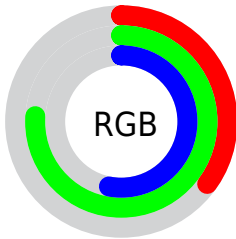
Format	Color
RYB	88, 162, 194
Decimal	5816966
CIELab	71.13, -44.39, 21.14
CIElCh	71, 49.165, 154.538
Yxy	42.3795, 0.2782, 0.4269
Android (android.graphics.Color)	4284007046 (0xFF58C286)
YUV	155.4660, -10.5827, -59.1677
Hunter-Lab	65.0995, -38.1930, 18.9039

Details

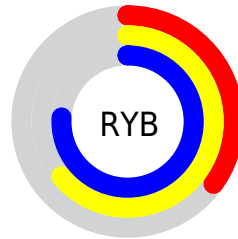
The XYZ color **27.6194, 42.3795, 29.2786** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **31.0846, 20.5879, 30.3543**, and the grayscale version is **31.4227, 33.0592, 36.0014**.

A 20% lighter version of the original color is **55.1439, 78.6020, 59.2790**, and **11.1213, 19.2541, 11.5178** is the 20% darker color. If you saturate the color by 10%, you get **25.2951, 41.2664, 25.3776**, and if you desaturate by 10%, it is **30.5141, 43.7798, 33.6234**.

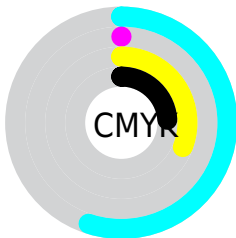
Distribution



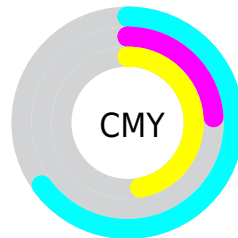
- Red (35%)
- Green (76%)
- Blue (53%)



- Red (35%)
- Yellow (64%)
- Blue (76%)



- Cyan (55%)
- Magenta (0%)
- Yellow (31%)
- Black (24%)





- Cyan (65%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6194, 42.3795, 29.2786 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 27.6194, 42.3795, 29.2786 by changing the saturation by 10% instead.


 27.6194, 42.3795,
29.2786


 27.6194, 42.3795,
29.2786


282.7569,
356.0537, 312.6292


 18.1779, 29.3986,
19.0443


 55.2891, 78.7737,
59.5669


 11.1783, 19.3825,
11.5251


 74.2481, 102.9557,
80.4580

 6.2551, 11.9470,
6.3026


 97.1103, 131.6402,
105.7383

 3.0429, 6.7076,
2.9582

 124.2411,
165.2115, 135.8266

 1.1765, 3.2799,
1.0733

156.0057,
204.0542, 171.1413

 0.0877, 1.2796,
0.0000

192.7697,

 0.0000, 0.1253,

248.5525, 212.1009

0.0000

234.8983,
299.0909, 259.1240

■ 0.0000, 0.0000,
0.0000

■ 27.6194, 42.3795,
29.2786

■ 27.6194, 42.3795,
29.2786

■ 25.2951, 41.2664,
25.3776

■ 30.5141, 43.7798,
33.6234

■ 23.4957, 40.4138,
21.9028

■ 34.0135, 45.4812,
38.4230

■ 22.1740, 39.7989,
18.8399

■ 38.1530, 47.5028,
43.6914

■ 21.2715, 39.3917,
16.1720

■ 42.9642, 49.8608,
49.4412

■ 20.9002, 39.2281,
14.8964

■ 48.4767, 52.5701,
55.6847

■ 54.7181, 55.6448,
62.4334

■ 61.7145, 59.0980,
69.6987

■ 69.4909, 62.9425,
77.4914

■ 75.2171, 65.7189,
85.6885

Harmonies

Analogous

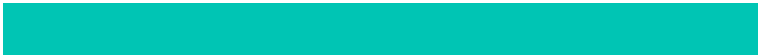
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.9610, 42.3795, 17.9810



27.6194, 42.3795, 29.2786



26.4792, 42.3795, 49.8220

Triad

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



27.6194, 42.3795, 29.2786



41.5450, 42.3795, 107.6437



54.7673, 42.3795, 24.9296

Complementary

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



27.6194, 42.3795, 29.2786



31.0846, 20.5879, 30.3543

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.



58.1975, 42.3795, 42.6518



27.6194, 42.3795, 29.2786



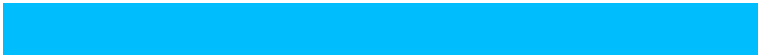
49.9312, 42.3795, 94.4296

Square

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



27.6194, 42.3795, 29.2786



33.8551, 42.3795, 100.3256



56.3177, 42.3795, 68.4905



47.4713, 42.3795, 16.1358

Rectangle

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



27.6194, 42.3795, 29.2786



27.5356, 42.3795, 67.6319



56.3177, 42.3795, 68.4905



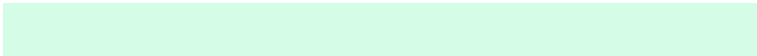
56.4527, 42.3795, 29.7706

Sweetspot

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



27.6205, 42.3812, 29.2796



76.3449, 89.5994, 87.8292



33.2795, 45.5921, 16.2793



16.3044, 19.4181, 18.7450



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.



27.6205, 42.3812, 29.2796



44.9576, 74.3476, 44.3905



32.2802, 44.2451, 53.8170



10.1219, 11.3298, 11.6450



13.7803, 25.8062, 10.0020



0.6299, 1.1288, 0.6140

Inverse Universe

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



31.0846, 20.5879, 30.3543



51.8757, 30.7098, 46.4517



27.8077, 19.2772, 13.0983



10.3066, 10.1713, 11.7053



16.5131, 8.2950, 10.6138



0.7476, 0.3720, 0.6380

Previews

White Background



This preview shows how the XYZ color 27.6194, 42.3795, 29.2786 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 27.6194, 42.3795, 29.2786 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 27.6194, 42.3795, 29.2786

Background



This preview shows how black text looks on a background with the XYZ color 27.6194, 42.3795, 29.2786.

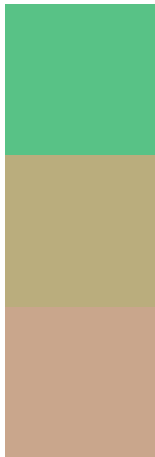


This preview shows how white text looks on a background with the XYZ color 27.6194, 42.3795,

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

27.6194, 42.3795, 29.2786

Protanopia

38.8949, 41.8069, 25.4216

Deuteranopia

42.4572, 41.5834, 30.5996



Tritanopia

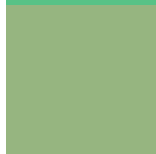
34.1649, 42.4607, 61.6534

Trichromacy



Original Color

27.6194, 42.3795, 29.2786



Protanomaly

32.9978, 41.0903, 26.6141



Deuteranomaly

34.6100, 40.3592, 30.0107



Tritanomaly

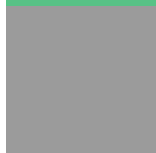
31.3889, 42.2788, 48.1012

Monochromacy



Original Color

27.6194, 42.3795, 29.2786



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

28.8145, 35.3078, 32.9002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6194, 42.3795, 29.2786 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(88, 194, 134)` looks like.

```
.text, #text, p{  
    color:rgb(88, 194, 134)  
}
```

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(88, 194, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 194, 134) }
```

Border

The CSS property to change the border of an element to XYZ 27.6194, 42.3795, 29.2786 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(88, 194, 134) }
```


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

```
.border{ border-color:rgb(88, 194, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 194, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 194, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 194, 134);  
box-shadow:4px 4px 4px 4px rgb(88, 194,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6194, 42.3795, 29.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 194, 134) }
```

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

```
.background{ background-color: rgb(88, 194,  
134) }
```

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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