

Converting Colors

XYZ(29.9390, 43.8044, 27.3803)

Have a look what the booklet for
XYZ(29.9390, 43.8044, 27.3803)
contains.

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Color

**XYZ(29.9669, 43.9682,
27.3294)**

Conversions

Conversions Part 1

Format	Color
Hex	6FC380
RGB	111, 195, 128
RGB Percent	44%, 76%, 50%
CMY	0.5647, 0.2353, 0.4980
CMYK	0.43, 0.00, 0.34, 0.24
HSL	132°, 41%, 60%
HSV	132°, 43%, 76%
XYZ	29.9669, 43.9682, 27.3294
YIQ	162.2460, -28.5570, -38.6450

Conversions

Conversions Part 2

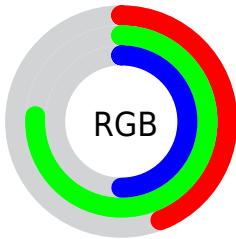
Format	Color
RYB	111, 181, 195
Decimal	7324544
CIELab	72.21, -39.90, 25.92
CIELCh	72, 47.578, 146.987
Yxy	43.9682, 0.2959, 0.4342
Android (android.graphics.Color)	4285514624 (0xFF6FC380)
YUV	162.2460, -16.8833, -44.9427
Hunter-Lab	66.3085, -35.3702, 21.9793

Details

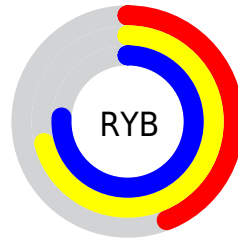
The XYZ color **29.9669, 43.9682, 27.3294** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **36.2273, 26.1861, 45.2659**, and the grayscale version is **34.5452, 36.3442, 39.5789**.

A 20% lighter version of the original color is **58.8768, 81.0640, 56.2598**, and **12.5309, 20.4406, 10.4927** is the 20% darker color. If you saturate the color by 10%, you get **26.8295, 42.4614, 22.2423**, and if you desaturate by 10%, it is **33.7991, 45.8175, 33.2702**.

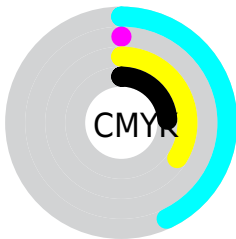
Distribution



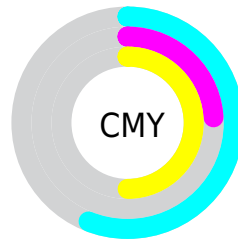
- Red (44%)
- Green (76%)
- Blue (50%)



- Red (44%)
- Yellow (71%)
- Blue (76%)



- Cyan (43%)
- Magenta (0%)
- Yellow (34%)
- Black (24%)



- Cyan (56%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.9669, 43.9682, 27.3294 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 29.9669, 43.9682, 27.3294 by changing the saturation by 10% instead.


 29.9669, 43.9682,
27.3294


 29.9669, 43.9682,
27.3294


293.6627,
362.5785, 303.0590


 19.9614, 30.6455,
17.5861

 58.9968, 81.1699,
56.4221

 12.4751, 20.3291,
10.4869

 78.7520, 105.8177,
76.6087

 7.1426, 12.6345,
5.6132


 102.4877,
135.0093, 101.1135

 3.5986, 7.1773,
2.5464

130.5694,
169.1291, 130.3550

 1.4776, 3.5732,
0.8646

163.3624,
208.5616, 164.7517

 0.3105, 1.4378,
0.0000

201.2320,

 0.0000, 0.2444,

253.6910, 204.7223

0.0000

244.5437,
304.9019, 250.6852

■ 0.0000, 0.0000,
0.0000

■ 29.9669, 43.9682,
27.3294

■ 29.9669, 43.9682,
27.3294

■ 26.8295, 42.4614,
22.2423

■ 33.7991, 45.8175,
33.2702

■ 24.3412, 41.2707,
17.9667

■ 38.3615, 48.0231,
40.0983

■ 22.4560, 40.3745,
14.4613


■ 43.6909, 50.6045,
47.8492


■ 21.1202, 39.7461,
11.6800


■ 49.8208, 53.5782,
56.5555


■ 20.2702, 39.3536,
9.5717


■ 56.7827, 56.9599,
66.2482

 19.8899, 39.1815,
8.4747

 64.6063, 60.7642,
76.9571

 73.3198, 65.0050,
88.7104

 78.3952, 67.3476,
101.3223

 78.8059, 67.5119,
103.4853

Harmonies

Analogous

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



35.0677, 43.9682, 17.9598



29.9669, 43.9682, 27.3294



27.9997, 43.9682, 45.5508

Triad

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



29.9669, 43.9682, 27.3294



40.9712, 43.9682, 108.2208



57.3878, 43.9682, 30.2422

Complementary

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



29.9669, 43.9682, 27.3294



36.2273, 26.1861, 45.2659

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.



59.4969, 43.9682, 50.2747



29.9669, 43.9682, 27.3294



49.3218, 43.9682, 100.1120

Square

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



29.9669, 43.9682, 27.3294



33.8123, 43.9682, 96.2994



56.3750, 43.9682, 76.7635



50.9342, 43.9682, 19.2165

Rectangle

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



29.9669, 43.9682, 27.3294



28.5102, 43.9682, 62.2371



56.3750, 43.9682, 76.7635



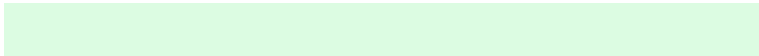
58.6621, 43.9682, 35.9102

Sweetspot

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



29.9680, 43.9700, 27.3304



78.1207, 90.5680, 85.5125



40.7920, 49.6686, 22.4762



16.6114, 19.5930, 18.0113



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.



29.9680, 43.9700, 27.3304



48.1868, 76.1115, 40.0622



33.3087, 45.3063, 44.9220



10.0259, 11.2914, 11.1400



12.9515, 25.4747, 5.6379



0.5848, 1.1108, 0.3762

Inverse Universe

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



36.2273, 26.1861, 45.2659



60.8781, 39.9816, 76.3751



32.6495, 24.7550, 26.4252



10.4071, 10.2115, 12.2344



18.5328, 9.1029, 21.2494



0.8234, 0.4024, 1.0376

Previews

White Background



This preview shows how the XYZ color 29.9669, 43.9682, 27.3294 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 29.9669, 43.9682, 27.3294 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 29.9669, 43.9682, 27.3294

Background



This preview shows how black text looks on a background with the XYZ color 29.9669, 43.9682, 27.3294.



This preview shows how white text looks on a background with the XYZ color 29.9669, 43.9682,

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

29.9669, 43.9682, 27.3294

Protanopia

40.4014, 43.4831, 24.0330

Deuteranopia

44.2232, 43.3626, 28.5933



Tritanopia

36.8539, 43.8469, 61.7792

Trichromacy



Original Color

29.9669, 43.9682, 27.3294



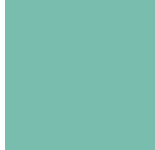
Protanomaly

35.4089, 42.9784, 25.1683



Deuteranomaly

37.0985, 42.2774, 28.0348



Tritanomaly

33.7227, 43.5161, 46.6665

Monochromacy



Original Color

29.9669, 43.9682, 27.3294



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

31.9688, 38.3138, 34.5645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9669, 43.9682, 27.3294 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(111, 195, 128)` looks like.

```
.text, #text, p{  
    color:rgb(111, 195, 128)  
}
```

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(111, 195, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 195, 128) }
```

Border

The CSS property to change the border of an element to XYZ 29.9669, 43.9682, 27.3294 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(111, 195, 128) }
```


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

```
.border{ border-color:rgb(111, 195, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 195, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 195, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 195, 128);  
box-shadow:4px 4px 4px 4px rgb(111, 195,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9669, 43.9682, 27.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 195, 128) }
```

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

```
.background{ background-color: rgb(111,  
195, 128) }
```

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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