

Converting Colors

XYZ(27.1459, 39.3920, 30.0781)

Have a look what the booklet for
XYZ(27.1459, 39.3920, 30.0781)
contains.

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Color

**XYZ(27.2919, 39.6054,
30.2509)**

Conversions

Conversions Part 1

Format	Color
Hex	63BA8A
RGB	99, 186, 138
RGB Percent	39%, 73%, 54%
CMY	0.6118, 0.2706, 0.4588
CMYK	0.47, 0.00, 0.26, 0.27
HSL	147°, 39%, 56%
HSV	147°, 47%, 73%
XYZ	27.2919, 39.6054, 30.2509
YIQ	154.5150, -36.4440, -33.3720

Conversions

Conversions Part 2

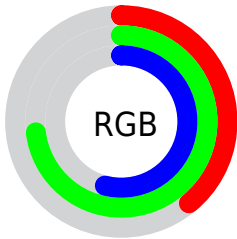
Format	Color
RYB	99, 159, 186
Decimal	6535818
CIELab	69.19, -37.32, 16.37
CIElCh	69, 40.756, 156.316
Yxy	39.6054, 0.2809, 0.4077
Android (android.graphics.Color)	4284725898 (0xFF63BA8A)
YUV	154.5150, -8.1419, -48.6867
Hunter-Lab	62.9328, -32.7228, 15.5531

Details

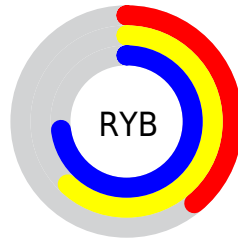
The XYZ color **27.2919, 39.6054, 30.2509** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **29.9793, 21.4702, 30.1693**, and the grayscale version is **30.9887, 32.6025, 35.5041**.

A 20% lighter version of the original color is **54.8914, 74.7770, 61.4095**, and **10.9676, 17.6993, 12.0708** is the 20% darker color. If you saturate the color by 10%, you get **24.7810, 38.3939, 26.4369**, and if you desaturate by 10%, it is **30.3431, 41.0895, 34.4585**.

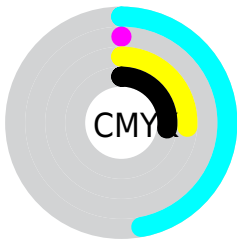
Distribution



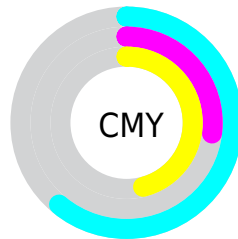
- Red (39%)
- Green (73%)
- Blue (54%)



- Red (39%)
- Yellow (62%)
- Blue (73%)



- Cyan (47%)
- Magenta (0%)
- Yellow (26%)
- Black (27%)





- Cyan (61%)
- Magenta (27%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.2919, 39.6054, 30.2509 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 27.2919, 39.6054, 30.2509 by changing the saturation by 10% instead.


 27.2919, 39.6054,
30.2509

 27.2919, 39.6054,
30.2509


281.2095,
344.4576, 317.3158


 17.9303, 27.2310,
19.7754


 54.7685, 74.5623,
61.1244


 10.9993, 17.7468,
12.0495


 73.6142, 97.9135,
82.3596

 6.1337, 10.7684,
6.6544


 96.3520, 125.6925,
108.0184

 2.9680, 5.9113,
3.1718

 123.3472,
158.2837, 138.5193

 1.1368, 2.7912,
1.1830

154.9652,
196.0714, 174.2810

 0.0556, 1.0237,
0.0000

191.5714,

 0.0000, 0.0000,

239.4400, 215.7220

0.0000

233.5310,
288.7739, 263.2607

■ 27.2919, 39.6054,
30.2509

■ 27.2919, 39.6054,
30.2509

■ 24.7810, 38.3939,
26.4369

■ 30.3431, 41.0895,
34.4585

■ 22.7728, 37.4326,
23.0019

■ 33.9628, 42.8572,
39.0681

■ 21.2295, 36.7032,
19.9346


■ 38.1810, 44.9250,
44.0913


■ 20.1062, 36.1831,
17.2218


■ 43.0243, 47.3063,
49.5384


■ 19.3424, 35.8410,
14.8490


■ 48.5181, 50.0139,
55.4194

 19.1356, 35.7497,
14.1524

 54.6860, 53.0600,
61.7436

 61.5506, 56.4560,
68.5204

 69.1334, 60.2126,
75.7588

 73.1337, 62.1129,
83.2652

Harmonies

Analogous

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



30.6974, 39.6054, 20.1831



27.2919, 39.6054, 30.2509



26.5089, 39.6054, 47.1947

Triad

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



27.2919, 39.6054, 30.2509



39.0397, 39.6054, 89.5503



48.6741, 39.6054, 25.1654

Complementary

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



27.2919, 39.6054, 30.2509



29.9793, 21.4702, 30.1693

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.



51.5276, 39.6054, 39.2935



27.2919, 39.6054, 30.2509



45.5661, 39.6054, 78.9992

Square

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



27.2919, 39.6054, 30.2509



32.8298, 39.6054, 85.0608



50.3292, 39.6054, 59.2109



42.9067, 39.6054, 17.8947

Rectangle

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



27.2919, 39.6054, 30.2509



27.4888, 39.6054, 61.0764



50.3292, 39.6054, 59.2109



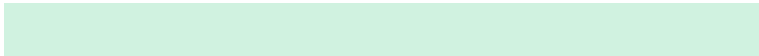
50.0345, 39.6054, 29.0862

Sweetspot

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



27.2930, 39.6070, 30.2518



71.3253, 82.4685, 82.3517



32.0794, 42.3443, 18.2873



15.3069, 17.9644, 17.6764



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



27.2930, 39.6070, 30.2518



44.8531, 69.5585, 47.8164



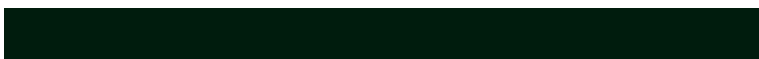
30.9643, 41.0756, 49.5851



9.0532, 10.1252, 10.4374



12.9100, 24.0649, 9.7140



0.4864, 0.8609, 0.5070

Inverse Universe

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



29.9793, 21.4702, 30.1693



50.3044, 32.7058, 47.6137



27.2521, 20.3794, 15.8085



9.2064, 9.0929, 10.4341



15.2959, 7.6921, 9.4451



0.5699, 0.2834, 0.4946

Previews

White Background



This preview shows how the XYZ color 27.2919, 39.6054, 30.2509 looks on a white background.

Color Contrast Check

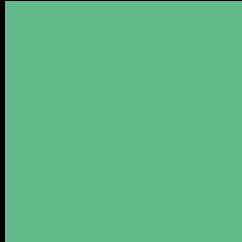
Large Text (above 18pt) WCAG AA × Fail

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 27.2919, 39.6054, 30.2509 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 27.2919, 39.6054, 30.2509

Background



This preview shows how black text looks on a background with the XYZ color 27.2919, 39.6054, 30.2509.

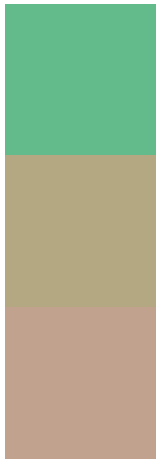


This preview shows how white text looks on a background with the XYZ color 27.2919, 39.6054,

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

27.2919, 39.6054, 30.2509

Protanopia

36.5555, 39.1739, 26.4035

Deuteranopia

39.8706, 39.1613, 31.4441



Tritanopia

32.5558, 39.6012, 56.3800

Trichromacy



Original Color

27.2919, 39.6054, 30.2509



Protanomaly

32.0725, 38.8099, 27.6305



Deuteranomaly

33.6687, 38.4198, 30.8405



Tritanomaly

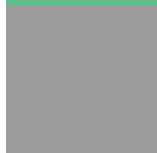
30.4551, 39.6612, 45.5854

Monochromacy



Original Color

27.2919, 39.6054, 30.2509



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

29.0527, 34.5933, 33.5797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2919, 39.6054, 30.2509 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(99, 186, 138)` looks like.

```
.text, #text, p{  
    color:rgb(99, 186, 138)  
}
```

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(99, 186, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 186, 138) }
```

Border

The CSS property to change the border of an element to XYZ 27.2919, 39.6054, 30.2509 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(99, 186, 138) }
```


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

```
.border{ border-color:rgb(99, 186, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 186, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 186, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 186, 138);  
box-shadow:4px 4px 4px 4px rgb(99, 186,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2919, 39.6054, 30.2509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 186, 138) }
```

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

```
.background{ background-color: rgb(99, 186,  
138) }
```

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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