

Converting Colors

XYZ(27.2312, 40.5528, 29.2728)

Have a look what the booklet for
XYZ(27.2312, 40.5528, 29.2728)
contains.

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Color

**XYZ(27.1869, 40.5241,
29.3107)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5EBD87 |
| RGB | 94, 189, 135 |
| RGB Percent | 37%, 74%, 53% |
| CMY | 0.6314, 0.2588, 0.4706 |
| CMYK | 0.50, 0.00, 0.29, 0.26 |
| HSL | 146°, 42%, 55% |
| HSV | 146°, 50%, 74% |
| XYZ | 27.1869, 40.5241, 29.3107 |
| YIQ | 154.4390, -39.2860, -36.9340 |

Conversions

Conversions Part 2

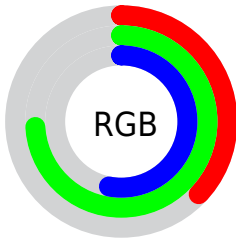
| Format | Color |
|-------------------------------------|---|
| RYB | 94, 160, 189 |
| Decimal | 6208903 |
| CIELab | 69.84, -40.56, 18.86 |
| CIELCh | 70, 44.737, 155.059 |
| Yxy | 40.5241, 0.2802, 0.4177 |
| Android (android.graphics.Color) | 4284398983 (0xFF5EBD87) |
| YUV | 154.4390, -9.5834, -53.0050 |
| Hunter-Lab | 63.6585, -35.1698, 17.2617 |

Details

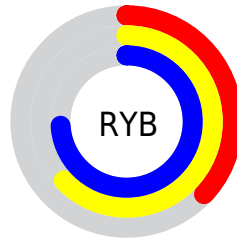
The XYZ color **27.1869, 40.5241, 29.3107** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **30.3357, 20.9634, 30.4662**, and the grayscale version is **30.9623, 32.5748, 35.4739**.

A 20% lighter version of the original color is **54.6105, 76.0264, 59.3732**, and **10.9634, 18.3239, 11.5534** is the 20% darker color. If you saturate the color by 10%, you get **24.7624, 39.3584, 25.4463**, and if you desaturate by 10%, it is **30.1644, 41.9683, 33.6012**.

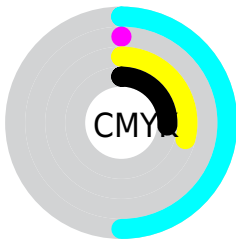
Distribution



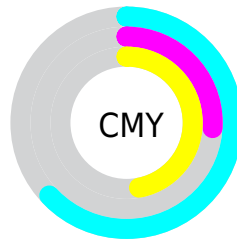
- Red (37%)
- Green (74%)
- Blue (53%)



- Red (37%)
- Yellow (63%)
- Blue (74%)



- Cyan (50%)
- Magenta (0%)
- Yellow (29%)
- Black (26%)





- Cyan (63%)
- Magenta (26%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1869, 40.5241, 29.3107 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 27.1869, 40.5241, 29.3107 by changing the saturation by 10% instead.


 27.1869, 40.5241,
29.3107


 27.1869, 40.5241,
29.3107


280.7120,
348.3277, 312.7848


 17.8510, 27.9474,
19.0684


 54.6014, 75.9609,
59.6184


 10.9421, 18.2860,
11.5424


 73.4107, 99.5899,
80.5209

 6.0949, 11.1555,
6.3142

 96.1084, 127.6717,
105.8139

 2.9441, 6.1715,
2.9652

 123.0600,
160.5908, 135.9159

 1.1243, 2.9497,
1.0769

154.6308,
198.7315, 171.2454

 0.0453, 1.1055,
0.0000

191.1862,

 0.0000, 0.0000,

242.4783, 212.2211

0.0000

233.0915,
292.2156, 259.2613

■ 27.1869, 40.5241,
29.3107

■ 27.1869, 40.5241,
29.3107

■ 24.7624, 39.3584,
25.4463

■ 30.1644, 41.9683,
33.6012

■ 22.8502, 38.4471,
21.9918

■ 33.7255, 43.7032,
38.3280

■ 21.4088, 37.7702,
18.9338

■ 37.9024, 45.7462,
43.5042

■ 20.3883, 37.3023,
16.2570

■ 42.7239, 48.1120,
49.1416

■ 19.7049, 36.9992,
13.9996

■ 48.2167, 50.8141,
55.2515

■ 54.4063, 53.8654,
61.8448

■ 61.3167, 57.2782,
68.9320

■ 68.9707, 61.0638,
76.5233

■ 73.9603, 63.4654,
84.4681

Harmonies

Analogous

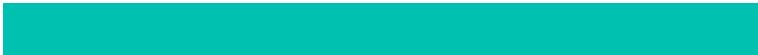
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.0362, 40.5241, 18.8071



27.1869, 40.5241, 29.3107



26.2091, 40.5241, 47.7471

Triad

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



27.1869, 40.5241, 29.3107



39.7621, 40.5241, 97.1847



51.1222, 40.5241, 24.8999

Complementary

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



27.1869, 40.5241, 29.3107



30.3357, 20.9634, 30.4662

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.



54.1769, 40.5241, 40.6887



27.1869, 40.5241, 29.3107



47.1125, 40.5241, 85.6481

Square

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



27.1869, 40.5241, 29.3107



32.9209, 40.5241, 91.2567



52.6247, 40.5241, 63.2382



44.7138, 40.5241, 16.8786

Rectangle

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



27.1869, 40.5241, 29.3107



27.1966, 40.5241, 63.3333



52.6247, 40.5241, 63.2382



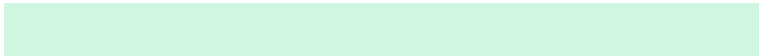
52.6097, 40.5241, 29.2538

Sweetspot

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



27.1880, 40.5258, 29.3116



72.0715, 83.9832, 82.8810



32.6900, 43.6339, 17.2895



15.1128, 17.8710, 17.3695



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.



27.1880, 40.5258, 29.3116



44.0806, 70.3602, 45.1186



31.1641, 42.1162, 50.2494



9.5751, 10.7162, 11.0121



13.2944, 24.9080, 9.6129



0.5536, 0.9888, 0.5495

Inverse Universe

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



30.3357, 20.9634, 30.4662



50.3294, 31.4500, 47.3556



27.3843, 19.7828, 14.9246



9.7512, 9.6248, 11.0789



15.9601, 8.0152, 10.3496



0.6574, 0.3268, 0.5751

Previews

White Background



This preview shows how the XYZ color 27.1869, 40.5241, 29.3107 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 27.1869, 40.5241, 29.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

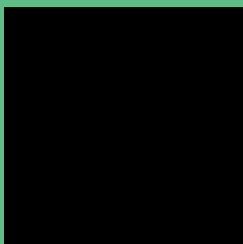
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

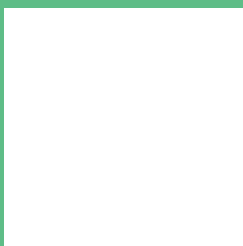
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1869, 40.5241, 29.3107

Background



This preview shows how black text looks on a background with the XYZ color 27.1869, 40.5241, 29.3107.

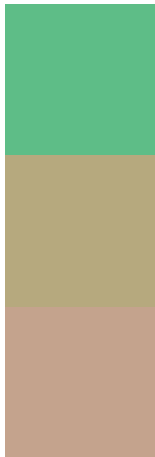


This preview shows how white text looks on a background with the XYZ color 27.1869, 40.5241,

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

27.1869, 40.5241, 29.3107

Protanopia

37.2453, 39.8274, 25.4631

Deuteranopia

40.6699, 39.8532, 30.7482



Tritanopia

32.9181, 40.3483, 58.2776

Trichromacy



Original Color

27.1869, 40.5241, 29.3107



Protanomaly

32.0655, 39.1197, 26.6297



Deuteranomaly

33.7108, 38.7401, 30.1269



Tritanomaly

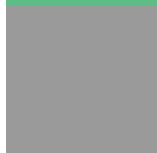
30.4894, 40.2800, 46.2123

Monochromacy



Original Color

27.1869, 40.5241, 29.3107



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

28.6009, 34.6496, 32.7844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1869, 40.5241, 29.3107 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(94, 189, 135)` looks like.

```
.text, #text, p{  
    color:rgb(94, 189, 135)  
}
```

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(94, 189, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 189, 135) }
```

Border

The CSS property to change the border of an element to XYZ 27.1869, 40.5241, 29.3107 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(94, 189, 135) }
```


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

```
.border{ border-color:rgb(94, 189, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 189, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 189, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 189, 135);  
box-shadow:4px 4px 4px 4px rgb(94, 189,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1869, 40.5241, 29.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 189, 135) }
```

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

```
.background{ background-color: rgb(94, 189,  
135) }
```

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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