

Converting Colors

XYZ(27.1785, 41.5416, 32.4709)

Have a look what the booklet for
XYZ(27.1785, 41.5416, 32.4709)
contains.

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Color

**XYZ(27.1158, 41.3879,
32.5461)**

Conversions

Conversions Part 1

Format	Color
Hex	50C08F
RGB	80, 192, 143
RGB Percent	31%, 75%, 56%
CMY	0.6863, 0.2470, 0.4392
CMYK	0.58, 0.00, 0.26, 0.25
HSL	154°, 47%, 53%
HSV	154°, 58%, 75%
XYZ	27.1158, 41.3879, 32.5461
YIQ	152.9260, -51.0230, -38.9830

Conversions

Conversions Part 2

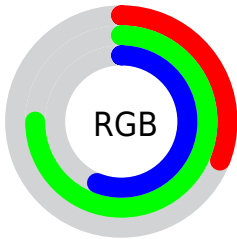
Format	Color
RYB	80, 152, 192
Decimal	5292175
CIELab	70.45, -43.46, 15.32
CIELCh	70, 46.084, 160.581
Yxy	41.3879, 0.2683, 0.4096
Android (android.graphics.Color)	4283482255 (0xFF50C08F)
YUV	152.9260, -4.8935, -63.9561
Hunter-Lab	64.3334, -37.3478, 15.0388

Details

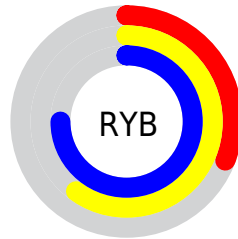
The XYZ color **27.1158, 41.3879, 32.5461** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **28.5707, 18.5297, 22.8411**, and the grayscale version is **30.2835, 31.8606, 34.6962**.

A 20% lighter version of the original color is **54.4350, 77.1859, 64.8527**, and **11.0643, 18.9673, 13.4338** is the 20% darker color. If you saturate the color by 10%, you get **25.1078, 40.4247, 29.2542**, and if you desaturate by 10%, it is **29.6368, 42.6123, 36.1126**.

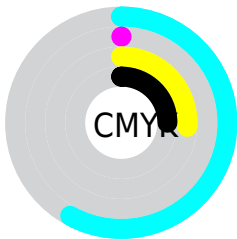
Distribution



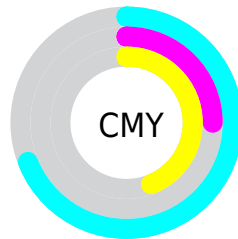
- Red (31%)
- Green (75%)
- Blue (56%)



- Red (31%)
- Yellow (60%)
- Blue (75%)



- Cyan (58%)
- Magenta (0%)
- Yellow (26%)
- Black (25%)



- Cyan (69%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1158, 41.3879, 32.5461 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 27.1158, 41.3879, 32.5461 by changing the saturation by 10% instead.

■ 27.1158, 41.3879,
32.5461

■ 27.1158, 41.3879,
32.5461

280.3747,
351.9392, 328.1685

■ 17.7972, 28.6223,
21.5107

■ 54.4882, 77.2724,
64.7740

■ 10.9033, 18.7953,
13.3029

■ 73.2728, 101.1601,
86.8037

■ 6.0687, 11.5225,
7.5043

■ 95.9434, 129.5239,
113.3351

■ 2.9279, 6.4194,
3.6963

■ 122.8654,
162.7483, 144.7869

■ 1.1158, 3.1017,
1.4602

154.4042,
201.2176, 181.5776

■ 0.0383, 1.1851,
0.1880

190.9251,

■ 0.0000, 0.0495,

245.3163, 224.1258

0.0000

232.7935,
295.4287, 272.8499

■ 0.0000, 0.0000,
0.0000

■ 27.1158, 41.3879,
32.5461

■ 27.1158, 41.3879,
32.5461

■ 25.1078, 40.4247,
29.2542

■ 29.6368, 42.6123,
36.1126

■ 23.5679, 39.6962,
26.2267

■ 32.7044, 44.1118,
39.9579

■ 22.4483, 39.1792,
23.4567

■ 36.3529, 45.9050,
44.0895

■ 21.6724, 38.8342,
20.9347

■ 40.6131, 48.0077,
48.5138

■ 21.5571, 38.7835,
20.5370

■ 45.5132, 50.4343,
53.2369

■ 51.0797, 53.1984,
58.2648

■ 57.3378, 56.3129,
63.6032

■ 64.3110, 59.7898,
69.2576

■ 72.0219, 63.6406,
75.2334

Harmonies

Analogous

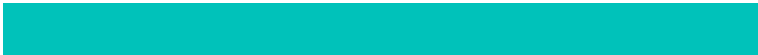
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.5866, 41.3879, 20.1886



27.1158, 41.3879, 32.5461



26.6640, 41.3879, 53.1838

Triad

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



27.1158, 41.3879, 32.5461



42.0793, 41.3879, 99.9088



51.4972, 41.3879, 22.9748

Complementary

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



27.1158, 41.3879, 32.5461



28.5707, 18.5297, 22.8411

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.



55.5005, 41.3879, 37.8165



27.1158, 41.3879, 32.5461



49.6171, 41.3879, 84.8508

Square

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



27.1158, 41.3879, 32.5461



34.6820, 41.3879, 97.1006



54.7713, 41.3879, 60.4402



44.3930, 41.3879, 16.0199

Rectangle

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



27.1158, 41.3879, 32.5461



28.0628, 41.3879, 69.8512



54.7713, 41.3879, 60.4402



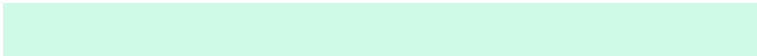
53.2890, 41.3879, 26.9680

Sweetspot

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



27.1169, 41.3896, 32.5471



74.4714, 87.4219, 88.7825



29.5663, 43.0577, 14.3426



15.6166, 18.5769, 18.6872



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



27.1169, 41.3896, 32.5471



44.6322, 72.8351, 51.4274



30.4673, 40.7995, 56.1404



10.1764, 11.3516, 11.9320



14.5448, 26.1120, 14.0278



0.6626, 1.1419, 0.7859

Inverse Universe

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



28.5707, 18.5297, 22.8411



47.5295, 27.5844, 32.3124



26.4833, 18.3784, 9.7415



10.2521, 10.1495, 11.4182



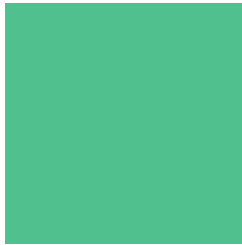
15.7421, 7.9866, 6.5537



0.7147, 0.3589, 0.4652

Previews

White Background



This preview shows how the XYZ color 27.1158, 41.3879, 32.5461 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 27.1158, 41.3879, 32.5461 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

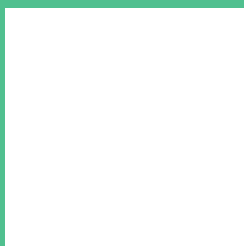
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1158, 41.3879, 32.5461

Background



This preview shows how black text looks on a background with the XYZ color 27.1158, 41.3879, 32.5461.



This preview shows how white text looks on a background with the XYZ color 27.1158, 41.3879,

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

27.1158, 41.3879, 32.5461

Protanopia

38.0880, 40.7644, 28.0512

Deuteranopia

41.6449, 40.8160, 34.1171



Tritanopia

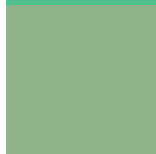
32.6948, 41.4181, 60.3041

Trichromacy



Original Color

27.1158, 41.3879, 32.5461



Protanomaly

32.3125, 40.0661, 29.6974



Deuteranomaly

33.9229, 39.6366, 33.4665



Tritanomaly

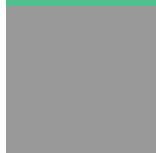
30.4343, 41.4453, 49.0435

Monochromacy



Original Color

27.1158, 41.3879, 32.5461



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

27.8477, 34.2430, 33.5756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1158, 41.3879, 32.5461 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(80, 192, 143)` looks like.

```
.text, #text, p{  
    color:rgb(80, 192, 143)  
}
```

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(80, 192, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 192, 143) }
```

Border

The CSS property to change the border of an element to XYZ 27.1158, 41.3879, 32.5461 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(80, 192, 143) }
```


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

```
.border{ border-color:rgb(80, 192, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 192, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 192, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 192, 143);  
box-shadow:4px 4px 4px 4px rgb(80, 192,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1158, 41.3879, 32.5461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 192, 143) }
```

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

```
.background{ background-color: rgb(80, 192,  
143) }
```

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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