

Converting Colors

XYZ(27.1982, 41.4290, 27.8524)

Have a look what the booklet for
XYZ(27.1982, 41.4290, 27.8524)
contains.

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Color

**XYZ(27.1933, 41.5351,
27.7029)**

Conversions

Conversions Part 1

Format	Color
Hex	5BC082
RGB	91, 192, 130
RGB Percent	36%, 75%, 51%
CMY	0.6431, 0.2470, 0.4902
CMYK	0.53, 0.00, 0.32, 0.25
HSL	143°, 44%, 55%
HSV	143°, 53%, 75%
XYZ	27.1933, 41.5351, 27.7029
YIQ	154.7330, -40.2940, -40.6940

Conversions

Conversions Part 2

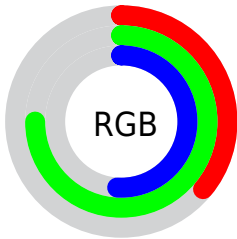
Format	Color
RYB	91, 164, 192
Decimal	6013058
CIELab	70.55, -43.59, 22.49
CIELCh	71, 49.051, 152.708
Yxy	41.5351, 0.2820, 0.4307
Android (android.graphics.Color)	4284203138 (0xFF5BC082)
YUV	154.7330, -12.1934, -55.8938
Hunter-Lab	64.4477, -37.4666, 19.6276

Details

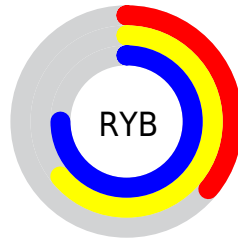
The XYZ color **27.1933, 41.5351, 27.7029** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **31.2305, 20.9895, 32.5440**, and the grayscale version is **31.1035, 32.7233, 35.6357**.

A 20% lighter version of the original color is **54.6357, 77.4662, 56.8726**, and **10.9884, 18.9892, 10.6755** is the 20% darker color. If you saturate the color by 10%, you get **24.7910, 40.3840, 23.6950**, and if you desaturate by 10%, it is **30.1726, 42.9754, 32.2128**.

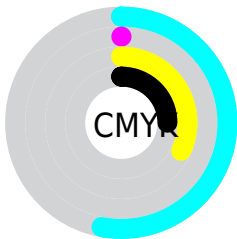
Distribution



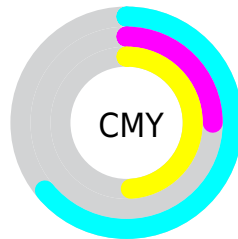
- Red (36%)
- Green (75%)
- Blue (51%)



- Red (36%)
- Yellow (64%)
- Blue (75%)



- Cyan (53%)
- Magenta (0%)
- Yellow (32%)
- Black (25%)



- Cyan (64%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1933, 41.5351, 27.7029 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 27.1933, 41.5351, 27.7029 by changing the saturation by 10% instead.

■ 27.1933, 41.5351,
27.7029

■ 27.1933, 41.5351,
27.7029

280.7423,
352.5521, 304.9117

■ 17.8558, 28.7374,
17.8647

■ 54.6116, 77.4955,
57.0271

■ 10.9456, 18.8823,
10.6845

■ 73.4231, 101.4271,
77.3503

■ 6.0973, 11.5853,
5.7436

■ 96.1233, 129.8387,
102.0055

■ 2.9455, 6.4619,
2.6236

■ 123.0776,
163.1149, 131.4113

■ 1.1250, 3.1279,
0.9046

154.6512,
201.6399, 165.9863

■ 0.0459, 1.1989,
0.0000

191.2097,

■ 0.0000, 0.0608,

245.7982, 206.1490

0.0000

233.1183,
295.9741, 252.3180

■ 0.0000, 0.0000,
0.0000

■ 27.1933, 41.5351,
27.7029

■ 27.1933, 41.5351,
27.7029

■ 24.7910, 40.3840,
23.6950

■ 30.1726, 42.9754,
32.2128

■ 22.9216, 39.4965,
20.1684

■ 33.7624, 44.7185,
37.2386

■ 21.5398, 38.8505,
17.1050

■ 37.9970, 46.7829,
42.7974

■ 20.5904, 38.4181,
14.4846

■ 42.9076, 49.1843,
48.9043

■ 20.0911, 38.1971,
12.8169

■ 48.5231, 51.9374,
55.5743

■ 54.8706, 55.0558,
62.8212

■ 61.9758, 58.5526,
70.6588

■ 69.8634, 62.4401,
79.1002

■ 75.2424, 65.0216,
88.0029

Harmonies

Analogous

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



31.6471, 41.5351, 17.1212



27.1933, 41.5351, 27.7029



25.8767, 41.5351, 47.3645

Triad

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



27.1933, 41.5351, 27.7029



40.2181, 41.5351, 105.9997



54.0839, 41.5351, 25.1532

Complementary

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



27.1933, 41.5351, 27.7029



31.2305, 20.9895, 32.5440

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.



57.1649, 41.5351, 43.1503



27.1933, 41.5351, 27.7029



48.5043, 41.5351, 94.0864

Square

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



27.1933, 41.5351, 27.7029



32.7595, 41.5351, 97.5620



54.9964, 41.5351, 68.9107



47.0572, 41.5351, 16.0421

Rectangle

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



27.1933, 41.5351, 27.7029



26.7848, 41.5351, 64.7176



54.9964, 41.5351, 68.9107



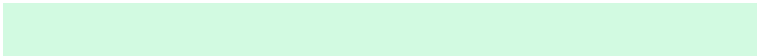
55.6556, 41.5351, 30.1008

Sweetspot

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



27.1944, 41.5368, 27.7038



74.3481, 87.4540, 84.4501



33.9298, 45.2564, 16.8451



15.5526, 18.5674, 17.6237



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.



27.1944, 41.5368, 27.7038



44.3854, 72.9166, 41.9821



31.4256, 43.2293, 49.9854



10.1018, 11.3218, 11.5395



13.5542, 25.7157, 8.8113



0.6194, 1.1246, 0.5585

Inverse Universe

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



31.2305, 20.9895, 32.5440



52.4530, 31.7191, 51.5639



27.9178, 19.6644, 15.0998



10.3271, 10.1795, 11.8133



16.8614, 8.4343, 12.4482



0.7614, 0.3776, 0.7110

Previews

White Background



This preview shows how the XYZ color 27.1933, 41.5351, 27.7029 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 27.1933, 41.5351, 27.7029 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

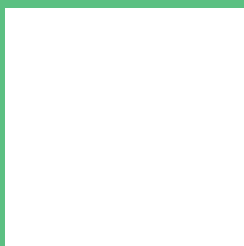
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1933, 41.5351, 27.7029

Background



This preview shows how black text looks on a background with the XYZ color 27.1933, 41.5351, 27.7029.

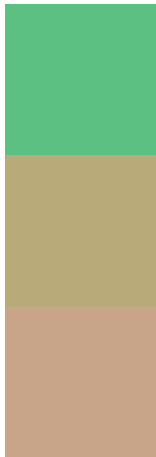


This preview shows how white text looks on a background with the XYZ color 27.1933, 41.5351,

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

27.1933, 41.5351, 27.7029

Protanopia

38.0217, 40.8206, 23.9644

Deuteranopia

41.7185, 40.9672, 29.0012



Tritanopia

33.4332, 41.1954, 59.6155

Trichromacy



Original Color

27.1933, 41.5351, 27.7029



Protanomaly

32.5207, 40.2747, 25.1286



Deuteranomaly

34.1303, 39.8548, 28.4481



Tritanomaly

30.5812, 40.9597, 45.8294

Monochromacy



Original Color

27.1933, 41.5351, 27.7029



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

28.7067, 34.9861, 32.4341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1933, 41.5351, 27.7029 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(91, 192, 130)` looks like.

```
.text, #text, p{  
    color:rgb(91, 192, 130)  
}
```

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(91, 192, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 192, 130) }
```

Border

The CSS property to change the border of an element to XYZ 27.1933, 41.5351, 27.7029 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(91, 192, 130) }
```


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

```
.border{ border-color:rgb(91, 192, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 192, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 192, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 192, 130); box-shadow:4px 4px 4px 4px rgb(91, 192, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1933, 41.5351, 27.7029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 192, 130) }
```

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

```
.background{ background-color: rgb(91, 192,  
130) }
```

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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