

Converting Colors

XYZ(27.1964, 40.7091, 21.1761)

Have a look what the booklet for
XYZ(27.1964, 40.7091, 21.1761)
contains.

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Color

**XYZ(27.1964, 40.7091,
21.1761)**

Conversions

Conversions Part 1

Format	Color
Hex	6CBD6E
RGB	108, 189, 110
RGB Percent	42%, 74%, 43%
CMY	0.5765, 0.2588, 0.5686
CMYK	0.43, 0.00, 0.42, 0.26
HSL	121°, 38%, 58%
HSV	121°, 43%, 74%
XYZ	27.1964, 40.7091, 21.1761
YIQ	155.7750, -22.9170, -41.7410

Conversions

Conversions Part 2

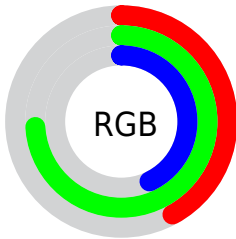
Format	Color
RYB	108, 187, 189
Decimal	7126382
CIELab	69.97, -41.09, 32.35
CIELCh	70, 52.296, 141.785
Yxy	40.7091, 0.3053, 0.4570
Android (android.graphics.Color)	4285316462 (0xFF6CBD6E)
YUV	155.7750, -22.5671, -41.8987
Hunter-Lab	63.8037, -35.5706, 24.9845

Details

The XYZ color **27.1964, 40.7091, 21.1761** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **35.3197, 25.1325, 50.0045**, and the grayscale version is **31.6052, 33.2511, 36.2104**.

A 20% lighter version of the original color is **54.6709, 76.3424, 46.5044**, and **10.9745, 18.4218, 7.3922** is the 20% darker color. If you saturate the color by 10%, you get **24.2408, 39.2908, 16.3329**, and if you desaturate by 10%, it is **30.8611, 42.4712, 27.1439**.

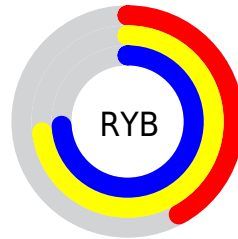
Distribution



Red (42%)

Green (74%)

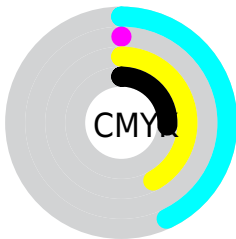
Blue (43%)



Red (42%)

Yellow (73%)

Blue (74%)

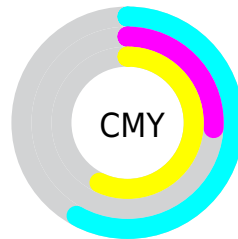


Cyan (43%)

Magenta (0%)

Yellow (42%)

Black (26%)



Cyan (58%)

Magenta (26%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1964, 40.7091, 21.1761 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 27.1964, 40.7091, 21.1761 by changing the saturation by 10% instead.

■ 27.1964, 40.7091,
21.1761

■ 27.1964, 40.7091,
21.1761

280.7570,
349.1033, 271.0246

■ 17.8581, 28.0919,
13.0603

■ 54.6165, 76.2421,
46.2650

■ 10.9473, 18.3949,
7.3389

■ 73.4291, 99.9266,
64.0752

■ 6.0984, 11.2339,
3.5933

■ 96.1305, 128.0691,
85.9539

■ 2.9462, 6.2244,
1.4050

■ 123.0860,
161.0538, 112.3198

■ 1.1254, 2.9820,
0.1456

154.6611,
199.2652, 143.5912

■ 0.0462, 1.1223,
0.0000

191.2211,

■ 0.0000, 0.0000,

243.0876, 180.1868

0.0000

233.1313,
292.9056, 222.5251

■ 27.1964, 40.7091,
21.1761

■ 27.1964, 40.7091,
21.1761

■ 24.2408, 39.2908,
16.3329

■ 30.8611, 42.4712,
27.1439

■ 21.9457, 38.1892,
12.5415

■ 35.2734, 44.5921,
34.2979

■ 20.2612, 37.3814,
9.7246


■ 40.4726, 47.0918,
42.6983


■ 19.1291, 36.8393,
7.7932


■ 46.4945, 49.9877,
52.4004


■ 18.4797, 36.5293,
6.6421

■ 53.3725, 53.2959,
63.4563

 18.2240, 36.4070,
6.2009

 61.1383, 57.0316,
75.9151

 69.8220, 61.2093,
89.8237

 77.4884, 64.8768,
103.0461

Harmonies

Analogous

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



32.9262, 40.7091, 13.4743



27.1964, 40.7091, 21.1761



24.6386, 40.7091, 37.9536

Triad

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



27.1964, 40.7091, 21.1761



36.3988, 40.7091, 108.8605



55.9848, 40.7091, 29.0944

Complementary

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



27.1964, 40.7091, 21.1761



35.3197, 25.1325, 50.0045

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.



57.2762, 40.7091, 51.3730



27.1964, 40.7091, 21.1761



45.0962, 40.7091, 103.7212

Square

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



27.1964, 40.7091, 21.1761



29.4178, 40.7091, 92.3480



53.0434, 40.7091, 80.1432



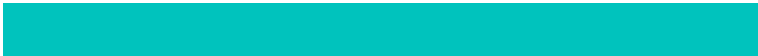
49.7371, 40.7091, 16.7381

Rectangle

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



27.1964, 40.7091, 21.1761



24.7700, 40.7091, 54.6139



53.0434, 40.7091, 80.1432



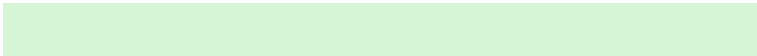
57.0464, 40.7091, 35.4175

Sweetspot

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



27.1974, 40.7108, 21.1770



72.1328, 84.1693, 75.9038



41.5590, 48.1269, 21.2866



15.0445, 17.8755, 15.5684



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.



27.1974, 40.7108, 21.1770



43.9085, 70.6045, 30.0648



29.8760, 41.7822, 35.2820



9.4181, 10.6534, 10.1851



12.2653, 24.4964, 4.1940



0.4837, 0.9609, 0.1817

Inverse Universe

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



35.3197, 25.1325, 50.0045



60.2814, 39.1916, 88.1679



31.6282, 23.6560, 30.5655



9.9195, 9.6921, 11.9651



19.9691, 9.6188, 31.4606



0.7855, 0.3781, 1.2494

Previews

White Background



This preview shows how the XYZ color 27.1964, 40.7091, 21.1761 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 27.1964, 40.7091, 21.1761 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 27.1964, 40.7091, 21.1761

Background



This preview shows how black text looks on a background with the XYZ color 27.1964, 40.7091, 21.1761.



This preview shows how white text looks on a background with the XYZ color 27.1964, 40.7091,

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

27.1964, 40.7091, 21.1761

Protanopia

37.0726, 40.1678, 18.6312

Deuteranopia

40.8782, 40.1518, 22.1186



Tritanopia

34.3152, 40.4952, 57.0467

Trichromacy



Original Color

27.1964, 40.7091, 21.1761



Protanomaly

32.4242, 39.7540, 19.6000



Deuteranomaly

33.9382, 39.0448, 21.6672



Tritanomaly

31.1521, 40.4333, 40.8128

Monochromacy



Original Color

27.1964, 40.7091, 21.1761



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

29.3103, 35.3583, 29.7061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1964, 40.7091, 21.1761 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(108, 189, 110)` looks like.

```
.text, #text, p{  
    color:rgb(108, 189, 110)  
}
```

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(108, 189, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 189, 110) }
```

Border

The CSS property to change the border of an element to XYZ 27.1964, 40.7091, 21.1761 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(108, 189, 110) }
```


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

```
.border{ border-color:rgb(108, 189, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 189, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 189, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 189, 110);  
box-shadow:4px 4px 4px 4px rgb(108, 189,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1964, 40.7091, 21.1761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 189, 110) }
```

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

```
.background{ background-color: rgb(108,  
189, 110) }
```

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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