

Converting Colors

XYZ(31.2745, 43.5732, 26.3400)

Have a look what the booklet for
XYZ(31.2745, 43.5732, 26.3400)
contains.

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Color

**XYZ(31.3679, 43.7177,
26.5238)**

Conversions

Conversions Part 1

Format	Color
Hex	7FC07E
RGB	127, 192, 126
RGB Percent	50%, 75%, 49%
CMY	0.5020, 0.2470, 0.5059
CMYK	0.34, 0.00, 0.34, 0.25
HSL	119°, 34%, 62%
HSV	119°, 34%, 75%
XYZ	31.3679, 43.7177, 26.5238
YIQ	165.0410, -17.5540, -34.3060

Conversions

Conversions Part 2

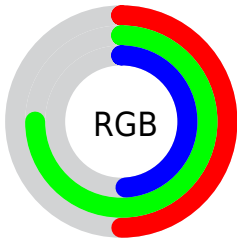
Format	Color
RYB	126, 192, 191
Decimal	8372350
CIELab	72.04, -33.95, 26.88
CIELCh	72, 43.306, 141.625
Yxy	43.7177, 0.3087, 0.4303
Android (android.graphics.Color)	4286562430 (0xFF7FC07E)
YUV	165.0410, -19.2472, -33.3620
Hunter-Lab	66.1194, -31.0261, 22.4994

Details

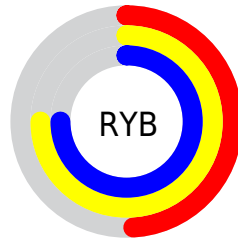
The XYZ color **31.3679, 43.7177, 26.5238** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **38.4633, 29.8053, 53.5973**, and the grayscale version is **35.8802, 37.7488, 41.1084**.

A 20% lighter version of the original color is **61.3038, 80.9511, 55.0419**, and **13.2170, 20.1546, 10.0311** is the 20% darker color. If you saturate the color by 10%, you get **27.6893, 41.9523, 20.4935**, and if you desaturate by 10%, it is **35.8151, 45.8544, 33.8331**.

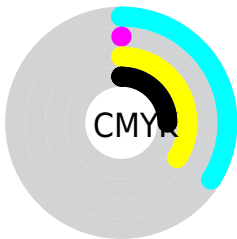
Distribution



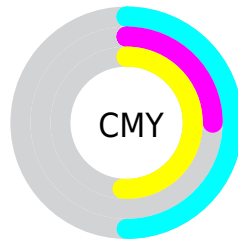
- Red (50%)
- Green (75%)
- Blue (49%)



- Red (49%)
- Yellow (75%)
- Blue (75%)



- Cyan (34%)
- Magenta (0%)
- Yellow (34%)
- Black (25%)





- Cyan (50%)
- Magenta (25%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.3679, 43.7177, 26.5238 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 31.3679, 43.7177, 26.5238 by changing the saturation by 10% instead.


 31.3679, 43.7177,
26.5238


 31.3679, 43.7177,
26.5238


300.0264,
361.5550, 299.0309


 21.0324, 30.4486,
16.9866


 61.1907, 80.7928,
55.1132

 13.2603, 20.1794,
10.0631


 81.4087, 105.3676,
75.0025

 7.6862, 12.5255,
5.3347


 105.6516,
134.4798, 99.1796

 3.9449, 7.1026,
2.3828

134.2847,
168.5137, 128.0630

 1.6710, 3.5264,
0.7770

167.6734,
207.8538, 162.0713

 0.4380, 1.4123,
0.0000

206.1830,

 0.0000, 0.2258,

252.8845, 201.6230

0.0000

250.1788,
303.9901, 247.1367

■ 0.0000, 0.0000,
0.0000

■ 31.3679, 43.7177,
26.5238

■ 31.3679, 43.7177,
26.5238

■ 27.6893, 41.9523,
20.4935

■ 35.8151, 45.8544,
33.8331

■ 24.7327, 40.5319,
15.6660

■ 41.0675, 48.3761,
42.4861

■ 22.4515, 39.4355,
11.9617


■ 47.1634, 51.3022,
52.5462


■ 20.7926, 38.6377,
9.2899


■ 54.1374, 54.6496,
64.0724


■ 19.6946, 38.1092,
7.5461

■ 62.0226, 58.4339,
77.1201

 19.0838, 37.8145,
6.6037

 70.8500, 62.6701,
91.7417

 18.8869, 37.7198,
6.2852

 78.1405, 66.1811,
103.2635

Harmonies

Analogous

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



36.5272, 43.7177, 18.8840



31.3679, 43.7177, 26.5238



29.0075, 43.7177, 41.9102

Triad

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



31.3679, 43.7177, 26.5238



39.5146, 43.7177, 100.3553



56.2294, 43.7177, 34.1100

Complementary

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



31.3679, 43.7177, 26.5238



38.4633, 29.8053, 53.5973

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.



57.2752, 43.7177, 53.7852



31.3679, 43.7177, 26.5238



47.0185, 43.7177, 96.4079

Square

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



31.3679, 43.7177, 26.5238



33.3318, 43.7177, 87.2173



53.7323, 43.7177, 77.6378



51.0242, 43.7177, 22.2725

Rectangle

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



31.3679, 43.7177, 26.5238



29.1179, 43.7177, 56.2917



53.7323, 43.7177, 77.6378



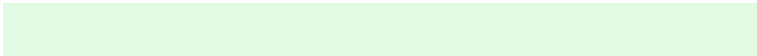
57.1018, 43.7177, 39.8545

Sweetspot

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



31.3690, 43.7195, 26.5248



78.8741, 89.7943, 84.3447



44.1152, 49.9332, 27.0523



16.5925, 19.1061, 17.5526



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.



31.3690, 43.7195, 26.5248



51.8484, 76.8182, 39.8803



33.6182, 44.6021, 39.1412



9.9582, 11.2659, 10.7116



12.7142, 25.3833, 4.2294



0.5543, 1.0993, 0.1830

Inverse Universe

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



38.4633, 29.8053, 53.5973



66.5778, 47.9213, 96.1010



35.5546, 28.6709, 36.9651



10.4818, 10.2395, 12.7088



20.5461, 9.8523, 34.3754



0.8926, 0.4282, 1.4855

Previews

White Background



This preview shows how the XYZ color 31.3679, 43.7177, 26.5238 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 31.3679, 43.7177, 26.5238 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 31.3679, 43.7177, 26.5238

Background



This preview shows how black text looks on a background with the XYZ color 31.3679, 43.7177, 26.5238.



This preview shows how white text looks on a background with the XYZ color 31.3679, 43.7177,

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

31.3679, 43.7177, 26.5238

Protanopia

40.0903, 43.3297, 23.7033

Deuteranopia

44.0168, 43.2800, 27.5067



Tritanopia

37.9417, 43.5196, 59.8265

Trichromacy



Original Color

31.3679, 43.7177, 26.5238

Protanomaly

36.1772, 43.0765, 24.8202

Deuteranomaly

38.0447, 42.4942, 26.9659

Tritanomaly

34.9970, 43.2473, 45.5327

Monochromacy



Original Color

31.3679, 43.7177, 26.5238

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

33.6784, 39.4736, 35.1223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3679, 43.7177, 26.5238 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(127, 192, 126)` looks like.

```
.text, #text, p{  
    color:rgb(127, 192, 126)  
}
```

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(127, 192, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 192, 126) }
```

Border

The CSS property to change the border of an element to XYZ 31.3679, 43.7177, 26.5238 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(127, 192, 126) }
```


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

```
.border{ border-color:rgb(127, 192, 126) }
```

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

Here you see how a box with a 4 pixel rgb(127, 192, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 192, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 192, 126);  
box-shadow:4px 4px 4px 4px rgb(127, 192,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3679, 43.7177, 26.5238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 192, 126) }
```

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

```
.background{ background-color: rgb(127,  
192, 126) }
```

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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