

Converting Colors

XYZ(21.8544, 29.6270, 18.2024)

Have a look what the booklet for
XYZ(21.8544, 29.6270, 18.2024)
contains.

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Color

**XYZ(21.8544, 29.6270,
18.2024)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 70A06A |
| RGB | 112, 160, 106 |
| RGB Percent | 44%, 63%, 42% |
| CMY | 0.5608, 0.3725, 0.5843 |
| CMYK | 0.30, 0.00, 0.34, 0.37 |
| HSL | 113°, 22%, 52% |
| HSV | 113°, 34%, 63% |
| XYZ | 21.8544, 29.6270, 18.2024 |
| YIQ | 139.4920, -11.2740, -26.9700 |

Conversions

Conversions Part 2

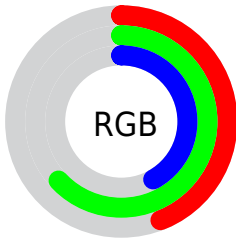
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 106, 160, 154 |
| Decimal | 7381098 |
| CIELab | 61.33, -27.01, 23.15 |
| CIELCh | 61, 35.574, 139.393 |
| Yxy | 29.6270, 0.3136, 0.4252 |
| Android (android.graphics.Color) | 4285571178 (0xFF70A06A) |
| YUV | 139.4920, -16.5116, -24.1105 |
| Hunter-Lab | 54.4307, -23.5844, 18.2741 |

Details

The XYZ color **21.8544, 29.6270, 18.2024** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.8270, 19.7171, 35.7566**, and the grayscale version is **24.7960, 26.0873, 28.4091**.

A 20% lighter version of the original color is **45.9890, 59.0688, 41.3253**, and **8.1129, 12.0547, 5.9022** is the 20% darker color. If you saturate the color by 10%, you get **19.4299, 28.4654, 14.1434**, and if you desaturate by 10%, it is **24.7216, 31.0007, 23.0938**.

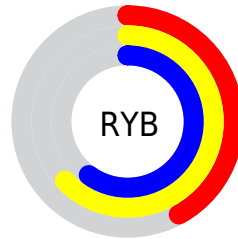
Distribution



Red (44%)

Green (63%)

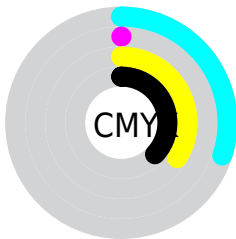
Blue (42%)



Red (42%)

Yellow (63%)

Blue (60%)

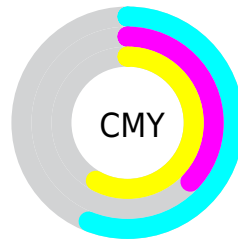


Cyan (30%)

Magenta (0%)

Yellow (34%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8544, 29.6270, 18.2024 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 21.8544, 29.6270, 18.2024 by changing the saturation by 10% instead.

■ 21.8544, 29.6270,
18.2024

■ 21.8544, 29.6270,
18.2024

254.4317,
300.1619, 254.2837

■ 13.8660, 19.5556,
10.9245

■ 45.9859, 59.0718,
41.2005

■ 8.1086, 12.0725,
5.9025

■ 62.8596, 79.2140,
57.7577

■ 4.2169, 6.7930,
2.7181

■ 83.4259, 103.4820,
78.2451

■ 1.8256, 3.3330,
0.9525

■ 108.0499,
132.2601, 103.0813

■ 0.5330, 1.3080,
0.0000

137.0972,
165.9328, 132.6846

■ 0.0000, 0.1474,
0.0000

170.9330,

■ 0.0000, 0.0000,

204.8844, 167.4738

0.0000

209.9227,
249.4993, 207.8673

■ 21.8544, 29.6270,
18.2024

■ 21.8544, 29.6270,
18.2024

■ 19.4299, 28.4654,
14.1434

■ 24.7216, 31.0007,
23.0938

■ 17.4239, 27.5016,
10.8687

■ 28.0496, 32.5922,
28.8582

■ 15.8130, 26.7257,
8.3282


■ 31.8586, 34.4119,
35.5361


■ 14.5708, 26.1253,
6.4652


■ 36.1665, 36.4684,
43.1647


■ 13.6678, 25.6865,
5.2149


■ 40.9906, 38.7696,
51.7791


 13.0693, 25.3932,
4.4997

 46.3472, 41.3233,
61.4129

 12.8167, 25.2693,
4.2020

 52.2519, 44.1370,
72.0978

 58.7198, 47.2175,
83.8643

 65.7652, 50.5718,
96.7416

Harmonies

Analogous

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



25.2707, 29.6270, 13.5184



21.8544, 29.6270, 18.2024



20.1949, 29.6270, 27.7355

Triad

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



21.8544, 29.6270, 18.2024



26.5324, 29.6270, 64.8760



37.5488, 29.6270, 24.4222

Complementary

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



21.8544, 29.6270, 18.2024



24.8270, 19.7171, 35.7566

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.



37.9835, 29.6270, 37.2489



21.8544, 29.6270, 18.2024



31.2606, 29.6270, 63.2584

Square

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



21.8544, 29.6270, 18.2024



22.6896, 29.6270, 56.1006



35.5739, 29.6270, 52.1521



34.4448, 29.6270, 16.3585

Rectangle

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



21.8544, 29.6270, 18.2024



20.1683, 29.6270, 36.6591



35.5739, 29.6270, 52.1521



38.0240, 29.6270, 28.2255

Sweetspot

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



21.8552, 29.6283, 18.2031



53.2861, 60.3023, 56.5155



28.6062, 31.5280, 18.2139



11.4924, 13.1325, 12.0552



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.8552, 29.6283, 18.2031



36.0792, 52.0671, 27.0086



22.3269, 29.7317, 24.5392



6.6158, 7.4346, 7.0720



10.0038, 19.6939, 3.2740



0.1964, 0.3612, 0.0594

Inverse Universe

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



24.8270, 19.7171, 35.7566



42.3564, 31.0872, 64.1545



24.3345, 19.6553, 27.0536



6.8316, 6.7172, 8.3432



13.6859, 6.4843, 26.4375



0.2633, 0.1256, 0.4736

Previews

White Background



This preview shows how the XYZ color 21.8544, 29.6270, 18.2024 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8544, 29.6270, 18.2024 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 × Fail

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

XYZ 21.8544, 29.6270, 18.2024

Background



This preview shows how black text looks on a background with the XYZ color 21.8544, 29.6270, 18.2024.



This preview shows how white text looks on a background with the XYZ color 21.8544, 29.6270,

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

21.8544, 29.6270, 18.2024

Protanopia

27.2799, 29.2806, 16.5258

Deuteranopia

29.7949, 29.1742, 18.8127



Tritanopia

26.2088, 29.6367, 39.9364

Trichromacy



Original Color

21.8544, 29.6270, 18.2024

Protanomaly

25.0041, 29.2754, 17.1648

Deuteranomaly

26.1127, 28.8632, 18.6629

Tritanomaly

24.3937, 29.6421, 30.8214

Monochromacy



Original Color

21.8544, 29.6270, 18.2024

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.3177, 27.0669, 24.0741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8544, 29.6270, 18.2024 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(112, 160, 106)` looks like.

```
.text, #text, p{  
    color:rgb(112, 160, 106)  
}
```

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(112, 160, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 160, 106) }
```

Border

The CSS property to change the border of an element to XYZ 21.8544, 29.6270, 18.2024 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(112, 160, 106) }
```


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

```
.border{ border-color:rgb(112, 160, 106) }
```

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

Here you see how a box with a 4 pixel rgb(112, 160, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 160, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 160, 106);  
box-shadow:4px 4px 4px 4px rgb(112, 160,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8544, 29.6270, 18.2024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 160, 106) }
```

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

```
.background{ background-color: rgb(112,  
160, 106) }
```

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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