

Converting Colors

XYZ(14.6840, 18.6130, 8.4339)

Have a look what the booklet for
XYZ(14.6840, 18.6130, 8.4339)
contains.

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Color

**XYZ(14.5984, 18.4772,
8.4273)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7E45
RGB	107, 126, 69
RGB Percent	42%, 49%, 27%
CMY	0.5804, 0.5059, 0.7294
CMYK	0.15, 0.00, 0.45, 0.51
HSL	80°, 29%, 38%
HSV	80°, 45%, 49%
XYZ	14.5984, 18.4772, 8.4273
YIQ	113.8210, 6.9730, -21.7550

Conversions

Conversions Part 2

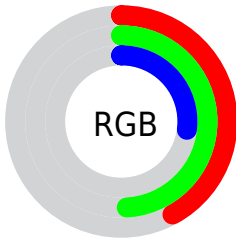
Format	Color
RYB	69, 126, 88
Decimal	7044677
CIELab	50.07, -17.02, 28.68
CIElCh	50, 33.349, 120.680
Yxy	18.4772, 0.3517, 0.4452
Android (android.graphics.Color)	4285234757 (0xFF6B7E45)
YUV	113.8210, -22.0968, -5.9820
Hunter-Lab	42.9851, -14.6026, 18.4657

Details

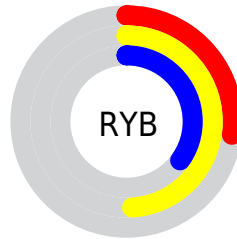
The XYZ color **14.5984, 18.4772, 8.4273** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.9194, 7.8379, 20.7298**, and the grayscale version is **16.0036, 16.8370, 18.3355**.

A 20% lighter version of the original color is **33.6882, 40.9191, 23.2622**, and **4.5535, 6.2692, 1.7807** is the 20% darker color. If you saturate the color by 10%, you get **13.7554, 18.0837, 6.5586**, and if you desaturate by 10%, it is **15.5500, 18.9182, 10.7355**.

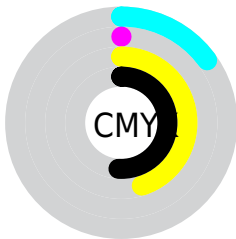
Distribution



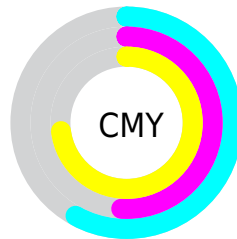
- Red (42%)
- Green (49%)
- Blue (27%)



- Red (27%)
- Yellow (49%)
- Blue (35%)



- Cyan (15%)
- Magenta (0%)
- Yellow (45%)
- Black (51%)



- Cyan (58%)
- Magenta (51%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5984, 18.4772, 8.4273 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 14.5984, 18.4772, 8.4273 by changing the saturation by 10% instead.

■ 14.5984, 18.4772,
8.4273

■ 14.5984, 18.4772,
8.4273

214.3593,
243.5472, 189.1042

■ 8.6225, 11.2931,
4.2779

■ 33.7246, 40.8488,
23.3518

■ 4.5509, 6.2644,
1.7790

■ 47.6055, 56.8051,
34.9640

■ 2.0183, 3.0065,
0.4140

■ 64.8523, 76.4543,
49.9008

■ 0.6442, 1.1351,
0.0000

■ 85.8301, 100.1808,
68.5809

■ 0.0000, 0.0077,
0.0000

■ 110.9043,
128.3689, 91.4227

■ 0.0000, 0.0000,
0.0000

140.4404,

161.4031, 118.8449

174.8036,
199.6677, 151.2658

■ 14.5984, 18.4772,
8.4273

■ 14.5984, 18.4772,
8.4273

■ 13.7554, 18.0837,
6.5586

■ 15.5500, 18.9182,
10.7355

■ 13.0139, 17.7330,
5.1002

■ 16.6139, 19.4064,
13.5076

■ 12.3682, 17.4233,
4.0214

■ 17.7954, 19.9446,
16.7674

■ 11.8110, 17.1517,
3.2865

■ 19.0990, 20.5346,
20.5369

■ 11.3315, 16.9139,
2.8398

■ 20.5290, 21.1781,
24.8368

■ 11.1170, 16.8071,
2.6582

■ 22.0894, 21.8767,
29.6866

■ 23.7839, 22.6321,
35.1046

■ 25.6162, 23.4457,
41.1087

■ 27.5898, 24.3190,
47.7155

Harmonies

Analogous

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



17.4889, 18.4772, 7.1178



14.5984, 18.4772, 8.4273



12.7133, 18.4772, 12.6472

Triad

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



14.5984, 18.4772, 8.4273



14.7108, 18.4772, 39.7912



24.4818, 18.4772, 19.9097

Complementary

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



14.5984, 18.4772, 8.4273



9.9194, 7.8379, 20.7298

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.



23.5092, 18.4772, 30.0707



14.5984, 18.4772, 8.4273



17.6353, 18.4772, 43.4633

Square

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



14.5984, 18.4772, 8.4273



12.7724, 18.4772, 30.5478



20.9018, 18.4772, 39.4619



23.4204, 18.4772, 12.3826

Rectangle

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



14.5984, 18.4772, 8.4273



12.1503, 18.4772, 17.3905



20.9018, 18.4772, 39.4619



24.3808, 18.4772, 23.1180

Sweetspot

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



14.5989, 18.4780, 8.4277



31.5220, 35.1957, 30.0793



13.1688, 11.8454, 7.2228



7.0809, 7.9652, 6.5897



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.5989, 18.4780, 8.4277



24.2079, 31.8279, 11.5371



11.7187, 16.9932, 8.2929



4.5304, 4.9499, 4.6368



11.3997, 17.2392, 2.7267



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.9194, 7.8379, 20.7298



14.9114, 10.6637, 36.0167



13.1639, 9.5105, 20.8817



4.2335, 4.2760, 5.4155



4.8392, 2.0484, 20.3903



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5984, 18.4772, 8.4273 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 14.5984, 18.4772, 8.4273 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 14.5984, 18.4772, 8.4273

Background



This preview shows how black text looks on a background with the XYZ color 14.5984, 18.4772, 8.4273.



This preview shows how white text looks on a background with the XYZ color 14.5984, 18.4772,

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

14.5984, 18.4772, 8.4273

Protanopia

16.9403, 18.4123, 7.8153

Deuteranopia

18.6886, 18.4318, 8.7036



Tritanopia

17.6295, 18.4235, 23.3958

Trichromacy



Original Color

14.5984, 18.4772, 8.4273

Protanomaly

15.9987, 18.4619, 8.0305

Deuteranomaly

16.9758, 18.2371, 8.5866

Tritanomaly

16.2955, 18.4253, 16.6075

Monochromacy



Original Color

14.5984, 18.4772, 8.4273

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.2386, 17.2182, 14.0756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5984, 18.4772, 8.4273 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(107, 126, 69)` looks like.

```
.text, #text, p{  
    color:rgb(107, 126, 69)  
}
```

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(107, 126, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 126, 69) }
```

Border

The CSS property to change the border of an element to XYZ 14.5984, 18.4772, 8.4273 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(107, 126, 69) }
```


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

```
.border{ border-color:rgb(107, 126, 69) }
```

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

Here you see how a box with a 4 pixel rgb(107, 126, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 126, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 126, 69);  
box-shadow:4px 4px 4px 4px rgb(107, 126,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5984, 18.4772, 8.4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 126, 69) }
```

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

```
.background{ background-color: rgb(107,  
126, 69) }
```

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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