

Converting Colors

XYZ(14.4177, 17.9249, 4.6676)

Have a look what the booklet for
XYZ(14.4177, 17.9249, 4.6676)
contains.

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Color

**XYZ(14.4054, 17.8965,
4.7026)**

Conversions

Conversions Part 1

Format	Color
Hex	727B28
RGB	114, 123, 40
RGB Percent	45%, 48%, 16%
CMY	0.5529, 0.5176, 0.8431
CMYK	0.07, 0.00, 0.67, 0.52
HSL	67°, 51%, 32%
HSV	67°, 67%, 48%
XYZ	14.4054, 17.8965, 4.7026
YIQ	110.8470, 21.2790, -27.7210

Conversions

Conversions Part 2

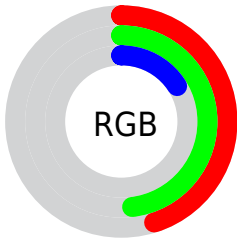
Format	Color
R_{YB}	40, 123, 49
Decimal	7502632
CIE _{Lab}	49.37, -15.19, 42.54
CIE _{LCh}	49, 45.166, 109.647
Yxy	17.8965, 0.3893, 0.4836
Android (android.graphics.Color)	4285692712 (0xFF727B28)
YUV	110.8470, -34.9276, 2.7652
Hunter-Lab	42.3043, -13.2498, 23.0222

Details

The XYZ color **14.4054, 17.8965, 4.7026** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5.6011, 3.6010, 19.1398**, and the grayscale version is **15.1592, 15.9487, 17.3681**.

A 20% lighter version of the original color is **33.3239, 39.7230, 15.5838**, and **4.4987, 5.9543, 0.9122** is the 20% darker color. If you saturate the color by 10%, you get **14.0565, 17.7377, 3.7629**, and if you desaturate by 10%, it is **14.8243, 18.0849, 5.9941**.

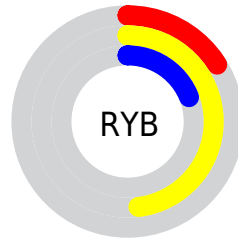
Distribution



Red (45%)

Green (48%)

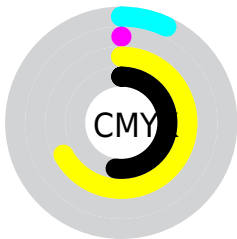
Blue (16%)



Red (16%)

Yellow (48%)

Blue (19%)

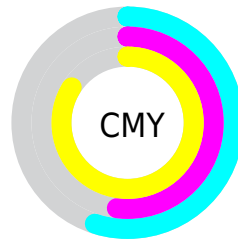


Cyan (7%)

Magenta (0%)

Yellow (67%)

Black (52%)



Cyan (55%)

Magenta (52%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4054, 17.8965, 4.7026 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 14.4054, 17.8965, 4.7026 by changing the saturation by 10% instead.

■ 14.4054, 17.8965,
4.7026

■ 14.4054, 17.8965,
4.7026

213.1990,
240.2870, 155.7411

■ 8.4867, 10.8757,
2.0182

■ 33.3869, 39.8609,
15.6002

■ 4.4624, 5.9833,
0.5664

■ 47.1805, 55.5733,
24.6505

■ 1.9669, 2.8349,
0.0000

■ 64.3298, 74.9516,
36.6599

■ 0.6153, 1.0462,
0.0000

■ 85.2001, 98.3804,
52.0468

■ 0.0000, 0.0000,
0.0000

■ 110.1568,
126.2439, 71.2298

■ 139.5653,

158.9266, 94.6275

173.7909,
196.8128, 122.6584

■ 14.4054, 17.8965,
4.7026

■ 14.4054, 17.8965,
4.7026

■ 14.0565, 17.7377,
3.7629

■ 14.8243, 18.0849,
5.9941

■ 13.7698, 17.6034,
3.1392

■ 15.3177, 18.3027,
7.6664

■ 13.5304, 17.4883,
2.7515

■ 15.8911, 18.5529,
9.7468

■ 13.4716, 17.4600,
2.6601

■ 16.5492, 18.8372,
12.2598

■ 17.2962, 19.1574,
15.2280

■ 18.1363, 19.5151,
18.6722

■ 19.0731, 19.9118,
22.6122

■ 20.1101, 20.3489,
27.0666

■ 21.2507, 20.8277,
32.0530

Harmonies

Analogous

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



18.5229, 17.8965, 4.3320



14.4054, 17.8965, 4.7026



11.5069, 17.8965, 7.9130

Triad

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



14.4054, 17.8965, 4.7026



12.2443, 17.8965, 43.3459



26.3924, 17.8965, 24.0069

Complementary

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



14.4054, 17.8965, 4.7026



5.6011, 3.6010, 19.1398

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.



24.0362, 17.8965, 38.9313



14.4054, 17.8965, 4.7026



15.5820, 17.8965, 52.8100

Square

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



14.4054, 17.8965, 4.7026



10.4108, 17.8965, 28.4717



19.9112, 17.8965, 50.9233



25.9353, 17.8965, 12.6233

Rectangle

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



14.4054, 17.8965, 4.7026



10.4357, 17.8965, 12.4212



19.9112, 17.8965, 50.9233



25.8896, 17.8965, 28.8226

Sweetspot

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



14.4058, 17.8973, 4.7030



30.5512, 34.1245, 25.5785



9.6212, 6.5031, 2.7558



7.1213, 8.0051, 5.7295



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.



14.4058, 17.8973, 4.7030



24.8743, 31.6242, 6.0567



10.2294, 15.7443, 4.5075



4.2670, 4.6129, 4.2900



13.9328, 18.0599, 2.7516



66.0239, 85.9220, 13.1048

Inverse Universe

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



5.6011, 3.6010, 19.1398



7.9462, 4.0659, 33.9226



8.5315, 5.1117, 19.2769



3.8343, 3.9125, 4.9963



3.8727, 1.5692, 19.4841



18.1043, 7.2951, 92.9237

Previews

White Background



This preview shows how the XYZ color 14.4054, 17.8965, 4.7026 looks on a white 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

Black Background



This preview shows how the XYZ color 14.4054, 17.8965, 4.7026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

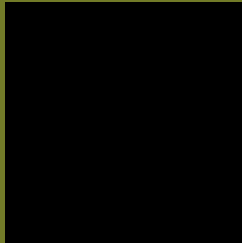
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.4054, 17.8965, 4.7026

Background



This preview shows how black text looks on a background with the XYZ color 14.4054, 17.8965, 4.7026.



This preview shows how white text looks on a background with the XYZ color 14.4054, 17.8965,

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

14.4054, 17.8965, 4.7026

Protanopia

16.0876, 17.6944, 4.4869

Deuteranopia

17.9931, 17.6617, 4.8436



Tritanopia

17.7949, 17.8543, 21.5771

Trichromacy



Original Color

14.4054, 17.8965, 4.7026

Protanomaly

15.4205, 17.7001, 4.5232

Deuteranomaly

16.3983, 17.5042, 4.7999

Tritanomaly

16.0620, 17.6691, 12.9199

Monochromacy



Original Color

14.4054, 17.8965, 4.7026

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.4525, 16.3621, 10.9908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4054, 17.8965, 4.7026 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(114, 123, 40)` looks like.

```
.text, #text, p{  
    color:rgb(114, 123, 40)  
}
```

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(114, 123, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 123, 40) }
```

Border

The CSS property to change the border of an element to XYZ 14.4054, 17.8965, 4.7026 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(114, 123, 40) }
```


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

```
.border{ border-color:rgb(114, 123, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 123, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 123, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 123, 40);  
box-shadow:4px 4px 4px 4px rgb(114, 123,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4054, 17.8965, 4.7026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 123, 40) }
```

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

```
.background{ background-color: rgb(114,  
123, 40) }
```

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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