

Converting Colors

XYZ(14.6491, 18.0034, 6.8161)

Have a look what the booklet for
XYZ(14.6491, 18.0034, 6.8161)
contains.

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Color

**XYZ(14.6824, 17.9924,
6.8367)**

Conversions

Conversions Part 1

Format	Color
Hex	717B3B
RGB	113, 123, 59
RGB Percent	44%, 48%, 23%
CMY	0.5569, 0.5176, 0.7686
CMYK	0.08, 0.00, 0.52, 0.52
HSL	69°, 35%, 36%
HSV	69°, 52%, 48%
XYZ	14.6824, 17.9924, 6.8367
YIQ	112.7140, 14.5840, -22.0240

Conversions

Conversions Part 2

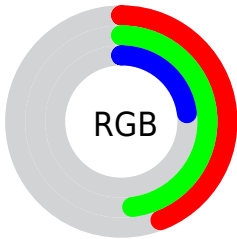
Format	Color
RYB	59, 123, 69
Decimal	7437115
CIELab	49.49, -13.99, 33.42
CIElCh	49, 36.227, 112.718
Yxy	17.9924, 0.3716, 0.4554
Android (android.graphics.Color)	4285627195 (0xFF717B3B)
YUV	112.7140, -26.4810, 0.2508
Hunter-Lab	42.4174, -12.4444, 20.1361

Details

The XYZ color **14.6824, 17.9924, 6.8367** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.5940, 5.8237, 19.4638**, and the grayscale version is **15.6846, 16.5014, 17.9700**.

A 20% lighter version of the original color is **33.7626, 39.8496, 20.0996**, and **4.5591, 5.9785, 1.2303** is the 20% darker color. If you saturate the color by 10%, you get **14.1557, 17.7541, 5.3386**, and if you desaturate by 10%, it is **15.2904, 18.2651, 8.7318**.

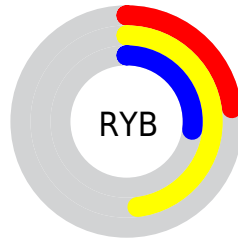
Distribution



Red (44%)

Green (48%)

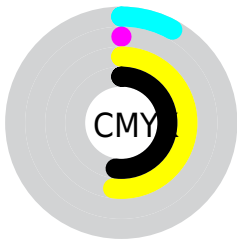
Blue (23%)



Red (23%)

Yellow (48%)

Blue (27%)

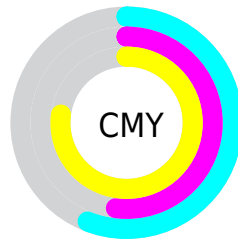


Cyan (8%)

Magenta (0%)

Yellow (52%)

Black (52%)



Cyan (56%)

Magenta (52%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6824, 17.9924, 6.8367 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 14.6824, 17.9924, 6.8367 by changing the saturation by 10% instead.

■ 14.6824, 17.9924,
6.8367

■ 14.6824, 17.9924,
6.8367

■ 214.8625,
240.8282, 175.8790

■ 8.6817, 10.9445,
3.2833

■ 33.8713, 40.0244,
20.1512

■ 4.5896, 6.0295,
1.2410

■ 47.7902, 55.7773,
30.7493

■ 2.0408, 2.8631,
0.0127

■ 65.0791, 75.2006,
44.5328

■ 0.6567, 1.0607,
0.0000

■ 86.1035, 98.6788,
61.9201

■ 0.0000, 0.0000,
0.0000

■ 111.2286,
126.5963, 83.3299

■ 140.8200,

159.3374, 109.1806

175.2428,
197.2866, 139.8908

■ 14.6824, 17.9924,
6.8367

■ 14.6824, 17.9924,
6.8367

■ 14.1557, 17.7541,
5.3386

■ 15.2904, 18.2651,
8.7318

■ 13.7036, 17.5456,
4.2083

■ 15.9834, 18.5718,
11.0484

■ 13.3205, 17.3652,
3.4139

■ 16.7661, 18.9150,
13.8102

■ 12.9991, 17.2102,
2.9182

■ 17.6427, 19.2964,
17.0388

■ 12.7665, 17.0965,
2.6271

■ 18.6172, 19.7175,
20.7545

■ 19.6932, 20.1799,
24.9764

■ 20.8741, 20.6848,
29.7225

■ 22.1632, 21.2337,
35.0100

■ 23.5636, 21.8277,
40.8552

Harmonies

Analogous

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



17.9495, 17.9924, 6.2073



14.6824, 17.9924, 6.8367



12.3791, 17.9924, 10.2444

Triad

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



14.6824, 17.9924, 6.8367



13.4149, 17.9924, 38.7505



24.4991, 17.9924, 22.0795

Complementary

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



14.6824, 17.9924, 6.8367



7.5940, 5.8237, 19.4638

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.



22.8933, 17.9924, 33.3769



14.6824, 17.9924, 6.8367



16.2801, 17.9924, 44.8800

Square

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



14.6824, 17.9924, 6.8367



11.7184, 17.9924, 27.8126



19.7721, 17.9924, 42.6404



23.9221, 17.9924, 13.1734

Rectangle

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



14.6824, 17.9924, 6.8367



11.5532, 17.9924, 14.5056



19.7721, 17.9924, 42.6404



24.1902, 17.9924, 25.7437

Sweetspot

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



14.6828, 17.9932, 6.8371



30.8862, 34.2465, 27.8841



11.0620, 8.7344, 5.2408



7.2126, 8.0388, 6.3406



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.



14.6828, 17.9932, 6.8371



25.2188, 31.7322, 9.2173



11.3008, 16.2497, 6.6788



4.2492, 4.6037, 4.2891



13.2024, 17.6833, 2.7174



62.3898, 84.0486, 12.9347

Inverse Universe

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



7.5940, 5.8237, 19.4638



11.1031, 7.4652, 34.4123



10.4619, 7.3021, 19.5980



3.8506, 3.9209, 4.9970



3.9775, 1.6232, 19.4890



18.4963, 7.4972, 92.9420

Previews

White Background



This preview shows how the XYZ color 14.6824, 17.9924, 6.8367 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 14.6824, 17.9924, 6.8367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

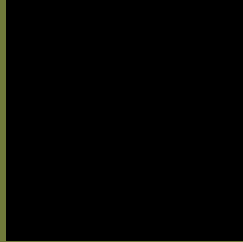
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.6824, 17.9924, 6.8367

Background



This preview shows how black text looks on a background with the XYZ color 14.6824, 17.9924, 6.8367.



This preview shows how white text looks on a background with the XYZ color 14.6824, 17.9924,

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

14.6824, 17.9924, 6.8367

Protanopia

16.4229, 17.9981, 6.4793

Deuteranopia

18.1653, 17.8654, 7.0484



Tritanopia

17.6928, 17.9645, 21.9370

Trichromacy



Original Color

14.6824, 17.9924, 6.8367

Protanomaly

15.7924, 18.0235, 6.6495

Deuteranomaly

16.7606, 17.8142, 6.9700

Tritanomaly

16.2819, 17.9151, 14.9117

Monochromacy



Original Color

14.6824, 17.9924, 6.8367

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.1471, 17.0236, 12.8435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6824, 17.9924, 6.8367 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(113, 123, 59)` looks like.

```
.text, #text, p{  
    color:rgb(113, 123, 59)  
}
```

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(113, 123, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 123, 59) }
```

Border

The CSS property to change the border of an element to XYZ 14.6824, 17.9924, 6.8367 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(113, 123, 59) }
```


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

```
.border{ border-color:rgb(113, 123, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 123, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 123, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 123, 59);  
box-shadow:4px 4px 4px 4px rgb(113, 123,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6824, 17.9924, 6.8367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 123, 59) }
```

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

```
.background{ background-color: rgb(113,  
123, 59) }
```

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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