

Converting Colors

XYZ(14.1255, 17.5397, 4.8130)

Have a look what the booklet for
XYZ(14.1255, 17.5397, 4.8130)
contains.

XYZ(14.1875, 17.5969, 4.8393)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.1875, 17.5969,
4.8393)**

Conversions

Conversions Part 1

Format	Color
Hex	717A2A
RGB	113, 122, 42
RGB Percent	44%, 48%, 16%
CMY	0.5569, 0.5216, 0.8353
CMYK	0.07, 0.00, 0.66, 0.52
HSL	67°, 49%, 32%
HSV	67°, 66%, 48%
XYZ	14.1875, 17.5969, 4.8393
YIQ	110.1890, 20.3160, -26.7880

Conversions

Conversions Part 2

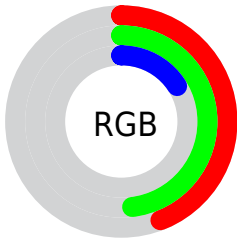
Format	Color
RYB	42, 122, 51
Decimal	7436842
CIELab	49.00, -14.96, 41.23
CIELCh	49, 43.859, 109.937
Yxy	17.5969, 0.3874, 0.4805
Android (android.graphics.Color)	4285626922 (0xFF717A2A)
YUV	110.1890, -33.6172, 2.4652
Hunter-Lab	41.9487, -13.0395, 22.5242

Details

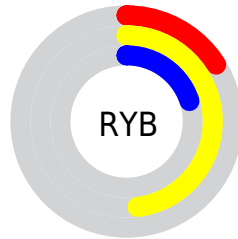
The XYZ color **14.1875, 17.5969, 4.8393** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5.7066, 3.7653, 18.8393**, and the grayscale version is **14.9652, 15.7446, 17.1458**.

A 20% lighter version of the original color is **33.0042, 39.2603, 15.9637**, and **4.3691, 5.7892, 0.8872** is the 20% darker color. If you saturate the color by 10%, you get **13.8264, 17.4329, 3.8513**, and if you desaturate by 10%, it is **14.6186, 17.7905, 6.1785**.

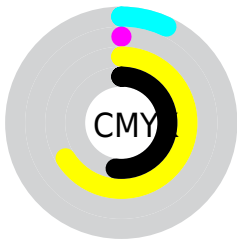
Distribution



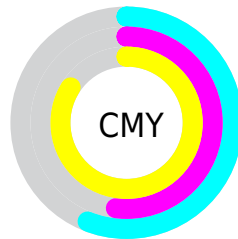
- Red (44%)
- Green (48%)
- Blue (16%)



- Red (16%)
- Yellow (48%)
- Blue (20%)



- Cyan (7%)
- Magenta (0%)
- Yellow (66%)
- Black (52%)





- Cyan (56%)
- Magenta (52%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1875, 17.5969, 4.8393 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 14.1875, 17.5969, 4.8393 by changing the saturation by 10% instead.


 14.1875, 17.5969,
4.8393


 14.1875, 17.5969,
4.8393


211.8815,
238.5891, 157.1416

 8.3338, 10.6610,
2.0962


 33.0048, 39.3492,
15.9033


 4.3628, 5.8394,
0.6135

 46.6992, 54.9345,
25.0614

 1.9094, 2.7476,
0.0000

 63.7377, 74.1715,
37.1948

 0.5823, 1.0014,
0.0000

 84.4859, 97.4449,
52.7221

 0.0000, 0.0000,
0.0000

 109.3090,
125.1389, 72.0619

 138.5724,

157.6381, 95.6327

172.6414,
195.3266, 123.8531

■ 14.1875, 17.5969,
4.8393

■ 14.1875, 17.5969,
4.8393

■ 13.8264, 17.4329,
3.8513

■ 14.6186, 17.7905,
6.1785

■ 13.5279, 17.2935,
3.1803

■ 15.1239, 18.0136,
7.8967

■ 13.2815, 17.1753,
2.7703

■ 15.7089, 18.2687,
10.0200

■ 13.1775, 17.1251,
2.6109

■ 16.3780, 18.5579,
12.5721

■ 17.1353, 18.8826,
15.5747

■ 17.9848, 19.2445,
19.0481

■ 18.9300, 19.6450,
23.0115

■ 19.9743, 20.0855,
27.4827

■ 21.1211, 20.5673,
32.4790

Harmonies

Analogous

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



18.1356, 17.5969, 4.4498



14.1875, 17.5969, 4.8393



11.4055, 17.5969, 8.0226

Triad

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



14.1875, 17.5969, 4.8393



12.1623, 17.5969, 42.0468



25.7120, 17.5969, 23.3653

Complementary

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



14.1875, 17.5969, 4.8393



5.7066, 3.7653, 18.8393

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.



23.4855, 17.5969, 37.5908



14.1875, 17.5969, 4.8393



15.3901, 17.5969, 50.9385

Square

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



14.1875, 17.5969, 4.8393



10.3749, 17.5969, 27.8994



19.5491, 17.5969, 49.0395



25.2488, 17.5969, 12.4678

Rectangle

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



14.1875, 17.5969, 4.8393



10.3792, 17.5969, 12.4329



19.5491, 17.5969, 49.0395



25.2410, 17.5969, 27.9591

Sweetspot

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



14.1879, 17.5977, 4.8397



29.4706, 32.9299, 24.7043



9.5852, 6.5864, 2.9569



6.6710, 7.5005, 5.3819



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.1879, 17.5977, 4.8397



24.0305, 30.5320, 6.0804



10.2021, 15.5430, 4.6531



4.2655, 4.6121, 4.2899



13.8688, 18.0268, 2.7486



65.7046, 85.7574, 13.0898

Inverse Universe

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



5.7066, 3.7653, 18.8393



7.9138, 4.1814, 32.7829



8.5578, 5.2352, 18.9728



3.8357, 3.9132, 4.9963



3.8805, 1.5732, 19.4844



18.1323, 7.3095, 92.9250

Previews

White Background



This preview shows how the XYZ color 14.1875, 17.5969, 4.8393 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 14.1875, 17.5969, 4.8393 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 14.1875, 17.5969, 4.8393

Background



This preview shows how black text looks on a background with the XYZ color 14.1875, 17.5969, 4.8393.



This preview shows how white text looks on a background with the XYZ color 14.1875, 17.5969,

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

14.1875, 17.5969, 4.8393

Protanopia

15.9674, 17.6285, 4.6589

Deuteranopia

17.8546, 17.5859, 5.0381



Tritanopia

17.4776, 17.5296, 21.2013

Trichromacy



Original Color

14.1875, 17.5969, 4.8393

Protanomaly

15.3092, 17.6388, 4.6956

Deuteranomaly

16.2773, 17.4375, 4.9905

Tritanomaly

15.8529, 17.3823, 13.1093

Monochromacy



Original Color

14.1875, 17.5969, 4.8393

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.2126, 16.0700, 10.9471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1875, 17.5969, 4.8393 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, 122, 42)` looks like.

```
.text, #text, p{  
    color:rgb(113, 122, 42)  
}
```

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, 122, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 122, 42) }
```

Border

The CSS property to change the border of an element to XYZ 14.1875, 17.5969, 4.8393 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, 122, 42) }
```


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

```
.border{ border-color:rgb(113, 122, 42) }
```

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

Here you see how a box with a 4 pixel rgb(113, 122, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 122, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 122, 42);  
box-shadow:4px 4px 4px 4px rgb(113, 122,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1875, 17.5969, 4.8393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 122, 42) }
```

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

```
.background{ background-color: rgb(113,  
122, 42) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor