

Converting Colors

XYZ(14.1115, 18.6286, 3.2682)

Have a look what the booklet for
XYZ(14.1115, 18.6286, 3.2682)
contains.

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Color

**XYZ(14.2288, 18.7850,
3.2914)**

Conversions

Conversions Part 1

Format	Color
Hex	6E800E
RGB	110, 128, 14
RGB Percent	43%, 50%, 5%
CMY	0.5686, 0.4980, 0.9451
CMYK	0.14, 0.00, 0.89, 0.50
HSL	69°, 80%, 28%
HSV	69°, 89%, 50%
XYZ	14.2288, 18.7850, 3.2914
YIQ	109.6220, 25.8660, -39.2700

Conversions

Conversions Part 2

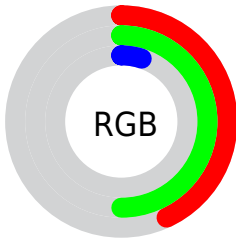
Format	Color
R_{YB}	14, 128, 32
Decimal	7241742
CIE _{Lab}	50.43, -20.87, 52.24
CIE _{LCh}	50, 56.254, 111.774
Yxy	18.7850, 0.3919, 0.5174
Android (android.graphics.Color)	4285431822 (0xFF6E800E)
YUV	109.6220, -47.1416, 0.3315
Hunter-Lab	43.3417, -17.2475, 25.8366

Details

The XYZ color **14.2288, 18.7850, 3.2914** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.6496, 2.1801, 20.5989**, and the grayscale version is **14.8387, 15.6115, 17.0009**.

A 20% lighter version of the original color is **33.2106, 41.5150, 12.3937**, and **4.5996, 6.5218, 1.0164** is the 20% darker color. If you saturate the color by 10%, you get **13.9078, 18.6286, 2.8973**, and if you desaturate by 10%, it is **14.6000, 18.9635, 3.9161**.

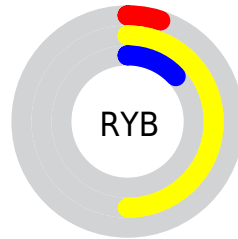
Distribution



Red (43%)

Green (50%)

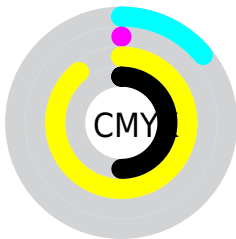
Blue (5%)



Red (5%)

Yellow (50%)

Blue (13%)

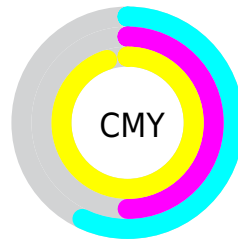


Cyan (14%)

Magenta (0%)

Yellow (89%)

Black (50%)



Cyan (57%)

Magenta (50%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2288, 18.7850, 3.2914 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 14.2288, 18.7850, 3.2914 by changing the saturation by 10% instead.

■ 14.2288, 18.7850,
3.2914

■ 14.2288, 18.7850,
3.2914

212.1318,
245.2593, 139.9896

■ 8.3627, 11.5150,
1.2453

■ 33.0773, 41.3705,
12.3394

■ 4.3817, 6.4144,
0.0163

■ 46.7905, 57.4548,
20.1784

■ 1.9202, 3.0986,
0.0000

■ 63.8501, 77.2460,
30.7853

■ 0.5886, 1.1834,
0.0000

■ 84.6215, 101.1285,
44.5789

■ 0.0000, 0.0481,
0.0000

■ 109.4700,
129.4867, 61.9776

■ 0.0000, 0.0000,
0.0000

■ 138.7610,

162.7049, 83.3999

172.8598,
201.1677, 109.2644

14.2288, 18.7850,
3.2914

14.2288, 18.7850,
3.2914

13.9078, 18.6286,
2.8973

14.6000, 18.9635,
3.9161

13.8781, 18.6140,
2.8614

15.0409, 19.1700,
4.8801

15.5596, 19.4082,
6.2233

16.1626, 19.6808,
7.9797

16.8557, 19.9901,
10.1795

■ 17.6440, 20.3382,
12.8501

■ 18.5324, 20.7270,
16.0169

■ 19.5255, 21.1584,
19.7031

■ 20.6273, 21.6340,
23.9308

Harmonies

Analogous

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



19.4028, 18.7850, 2.7765



14.2288, 18.7850, 3.2914



10.7984, 18.7850, 6.8994

Triad

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



14.2288, 18.7850, 3.2914



12.1031, 18.7850, 54.4358



30.4248, 18.7850, 25.0753

Complementary

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



14.2288, 18.7850, 3.2914



4.6496, 2.1801, 20.5989

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.



27.4621, 18.7850, 45.3408



14.2288, 18.7850, 3.2914



16.3910, 18.7850, 67.1252

Square

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



14.2288, 18.7850, 3.2914



9.7571, 18.7850, 33.7927



22.0492, 18.7850, 63.1430



29.5173, 18.7850, 11.1878

Rectangle

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



14.2288, 18.7850, 3.2914



9.6089, 18.7850, 12.4021



22.0492, 18.7850, 63.1430



29.8300, 18.7850, 31.4008

Sweetspot

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



14.2292, 18.7859, 3.2918



31.2770, 35.9005, 23.3694



9.4747, 5.6067, 0.9986



7.2256, 8.3626, 5.1333



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.2292, 18.7859, 3.2918



24.3341, 32.7200, 5.0331



9.3152, 16.2526, 3.0618



4.6008, 4.9861, 4.6401



13.7613, 18.4566, 2.8372



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.6496, 2.1801, 20.5989



7.2906, 2.9660, 36.1445



8.0880, 3.9527, 20.7598



4.1673, 4.2418, 5.4124



4.1547, 1.6955, 20.3582



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.2288, 18.7850, 3.2914 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 14.2288, 18.7850, 3.2914 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 14.2288, 18.7850, 3.2914

Background



This preview shows how black text looks on a background with the XYZ color 14.2288, 18.7850, 3.2914.



This preview shows how white text looks on a background with the XYZ color 14.2288, 18.7850,

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

14.2288, 18.7850, 3.2914

Protanopia

16.7685, 18.6080, 3.0245

Deuteranopia

18.9553, 18.6841, 3.5270



Tritanopia

18.2388, 18.7452, 23.0790

Trichromacy



Original Color

14.2288, 18.7850, 3.2914

Protanomaly

15.7535, 18.6281, 3.1131

Deuteranomaly

16.8855, 18.4820, 3.3869

Tritanomaly

15.8823, 18.3202, 11.7159

Monochromacy



Original Color

14.2288, 18.7850, 3.2914

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.0617, 16.5456, 9.1091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2288, 18.7850, 3.2914 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(110, 128, 14)` looks like.

```
.text, #text, p{  
    color:rgb(110, 128, 14)  
}
```

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(110, 128, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 128, 14) }
```

Border

The CSS property to change the border of an element to XYZ 14.2288, 18.7850, 3.2914 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(110, 128, 14) }
```


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

```
.border{ border-color:rgb(110, 128, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 128, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 128, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 128, 14);  
box-shadow:4px 4px 4px 4px rgb(110, 128,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2288, 18.7850, 3.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 128, 14) }
```

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

```
.background{ background-color: rgb(110,  
128, 14) }
```

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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