

Converting Colors

XYZ(14.2797, 18.8124, 3.4096)

Have a look what the booklet for
XYZ(14.2797, 18.8124, 3.4096)
contains.

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Color

**XYZ(14.2508, 18.7938,
3.4068)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8011
RGB	110, 128, 17
RGB Percent	43%, 50%, 7%
CMY	0.5686, 0.4980, 0.9333
CMYK	0.14, 0.00, 0.87, 0.50
HSL	70°, 77%, 28%
HSV	70°, 87%, 50%
XYZ	14.2508, 18.7938, 3.4068
YIQ	109.9640, 24.9030, -38.3370

Conversions

Conversions Part 2

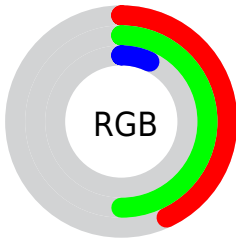
Format	Color
R_{YB}	17, 128, 35
Decimal	7241745
CIE Lab	50.45, -20.78, 51.54
CIE LCh	50, 55.568, 111.955
Yxy	18.7938, 0.3910, 0.5156
Android (android.graphics.Color)	4285431825 (0xFF6E8011)
YUV	109.9640, -45.8313, 0.0316
Hunter-Lab	43.3518, -17.1884, 25.6870

Details

The XYZ color **14.2508, 18.7938, 3.4068** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.7905, 2.3172, 20.6179**, and the grayscale version is **14.9337, 15.7114, 17.1097**.

A 20% lighter version of the original color is **33.2435, 41.5281, 12.5669**, and **4.5996, 6.5218, 1.0164** is the 20% darker color. If you saturate the color by 10%, you get **13.9177, 18.6318, 2.9835**, and if you desaturate by 10%, it is **14.6433, 18.9817, 4.1074**.

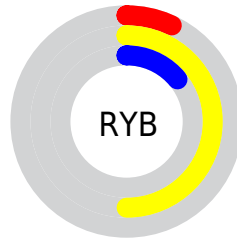
Distribution



Red (43%)

Green (50%)

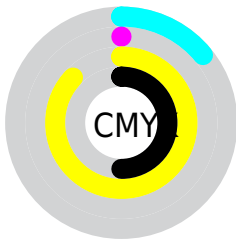
Blue (7%)



Red (7%)

Yellow (50%)

Blue (14%)

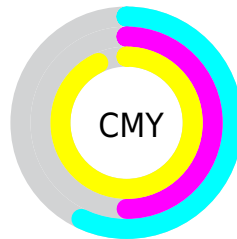


Cyan (14%)

Magenta (0%)

Yellow (87%)

Black (50%)



Cyan (57%)

Magenta (50%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2508, 18.7938, 3.4068 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 14.2508, 18.7938, 3.4068 by changing the saturation by 10% instead.

■ 14.2508, 18.7938,
3.4068

■ 14.2508, 18.7938,
3.4068

212.2651,
245.3080, 141.3842

■ 8.3782, 11.5214,
1.3059

■ 33.1159, 41.3854,
12.6168

■ 4.3917, 6.4187,
0.0666

■ 46.8392, 57.4733,
20.5629

■ 1.9260, 3.1013,
0.0000

■ 63.9100, 77.2686,
31.2945

■ 0.5919, 1.1848,
0.0000

■ 84.6937, 101.1555,
45.2302

■ 0.0000, 0.0493,
0.0000

■ 109.5557,
129.5185, 62.7885

■ 0.0000, 0.0000,
0.0000

■ 138.8614,

162.7420, 84.3879

172.9760,
201.2104, 110.4470

14.2508, 18.7938,
3.4068

14.2508, 18.7938,
3.4068

13.9177, 18.6318,
2.9835

14.6433, 18.9817,
4.1074

13.8121, 18.5800,
2.8583

15.1077, 19.1983,
5.1573

15.6519, 19.4476,
6.5947

16.2820, 19.7320,
8.4526

17.0037, 20.0537,
10.7607

■ 17.8223, 20.4149,
13.5458

■ 18.7423, 20.8174,
16.8326

■ 19.7683, 21.2630,
20.6441

■ 20.9043, 21.7534,
25.0020

Harmonies

Analogous

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



19.3580, 18.7938, 2.8726



14.2508, 18.7938, 3.4068



10.8621, 18.7938, 7.0510

Triad

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



14.2508, 18.7938, 3.4068



12.1908, 18.7938, 54.0122



30.2625, 18.7938, 24.9202

Complementary

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



14.2508, 18.7938, 3.4068



4.7905, 2.3172, 20.6179

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.



27.3660, 18.7938, 44.8472



14.2508, 18.7938, 3.4068



16.4469, 18.7938, 66.3755

Square

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



14.2508, 18.7938, 3.4068



9.8508, 18.7938, 33.7372



22.0391, 18.7938, 62.3693



29.3458, 18.7938, 11.2272

Rectangle

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



14.2508, 18.7938, 3.4068



9.6886, 18.7938, 12.5556



22.0391, 18.7938, 62.3693



29.6849, 18.7938, 31.1428

Sweetspot

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



14.2512, 18.7947, 3.4072



31.3950, 35.9495, 23.9101



9.5660, 5.7544, 1.1371



7.2487, 8.3720, 5.2454



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.



14.2512, 18.7947, 3.4072



24.2160, 32.6591, 5.0275



9.4436, 16.3162, 3.1822



4.5990, 4.9853, 4.6400



13.6959, 18.4229, 2.8341



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.7905, 2.3172, 20.6179



7.3089, 2.9754, 36.1454



8.2317, 4.0912, 20.7790



4.1688, 4.2426, 5.4125



4.1660, 1.7013, 20.3588



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.2508, 18.7938, 3.4068 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 14.2508, 18.7938, 3.4068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

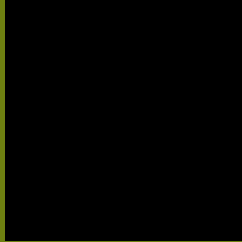
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.2508, 18.7938, 3.4068

Background



This preview shows how black text looks on a background with the XYZ color 14.2508, 18.7938, 3.4068.



This preview shows how white text looks on a background with the XYZ color 14.2508, 18.7938,

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

14.2508, 18.7938, 3.4068

Protanopia

16.7874, 18.6155, 3.1238

Deuteranopia

18.9776, 18.6931, 3.6448



Tritanopia

18.2388, 18.7452, 23.0790

Trichromacy



Original Color

14.2508, 18.7938, 3.4068

Protanomaly

15.7734, 18.6360, 3.2177

Deuteranomaly

16.9048, 18.4898, 3.4885

Tritanomaly

15.9234, 18.3367, 11.9326

Monochromacy



Original Color

14.2508, 18.7938, 3.4068

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.0962, 16.5594, 9.2908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2508, 18.7938, 3.4068 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, 17)` looks like.

```
.text, #text, p{  
    color:rgb(110, 128, 17)  
}
```

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, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 128, 17) }
```

Border

The CSS property to change the border of an element to XYZ 14.2508, 18.7938, 3.4068 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, 17) }
```


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

```
.border{ border-color:rgb(110, 128, 17) }
```

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, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 128, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 128, 17);  
box-shadow:4px 4px 4px 4px rgb(110, 128,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2508, 18.7938, 3.4068 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, 17) }
```

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

```
.background{ background-color: rgb(110,  
128, 17) }
```

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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