

Converting Colors

XYZ(14.1218, 16.3409, 3.8627)

Have a look what the booklet for
XYZ(14.1218, 16.3409, 3.8627)
contains.

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Color

**XYZ(14.1510, 16.3643,
3.8516)**

Conversions

Conversions Part 1

Format	Color
Hex	787321
RGB	120, 115, 33
RGB Percent	47%, 45%, 13%
CMY	0.5294, 0.5490, 0.8706
CMYK	0.00, 0.04, 0.72, 0.53
HSL	57°, 57%, 30%
HSV	57°, 72%, 47%
XYZ	14.1510, 16.3643, 3.8516
YIQ	107.1470, 29.3020, -24.4420

Conversions

Conversions Part 2

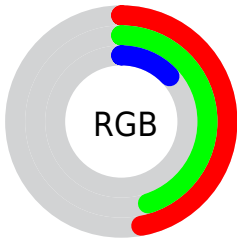
Format	Color
R_{YB}	38, 120, 33
Decimal	7893793
CIE _{Lab}	47.45, -8.48, 43.74
CIE _{LCh}	47, 44.556, 100.974
Yxy	16.3643, 0.4118, 0.4762
Android (android.graphics.Color)	4286083873 (0xFF787321)
YUV	107.1470, -36.5545, 11.2721
Hunter-Lab	40.4528, -8.3504, 22.6718

Details

The XYZ color **14.1510, 16.3643, 3.8516** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.7105, 3.0656, 18.1128**, and the grayscale version is **14.1089, 14.8437, 16.1648**.

A 20% lighter version of the original color is **33.0592, 37.3759, 13.6555**, and **4.4614, 5.2795, 0.7839** is the 20% darker color. If you saturate the color by 10%, you get **13.9339, 16.1528, 3.0930**, and if you desaturate by 10%, it is **14.4294, 16.6025, 4.9270**.

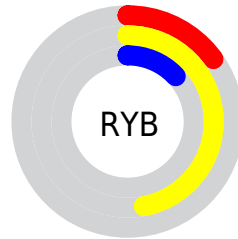
Distribution



Red (47%)

Green (45%)

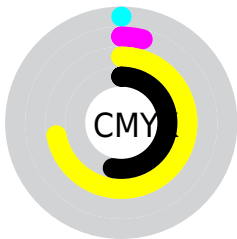
Blue (13%)



Red (15%)

Yellow (47%)

Blue (13%)

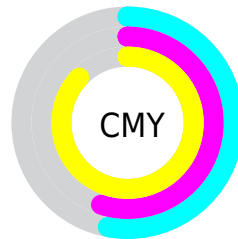


Cyan (0%)

Magenta (4%)

Yellow (72%)

Black (53%)



Cyan (53%)

Magenta (55%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1510, 16.3643, 3.8516 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 14.1510, 16.3643, 3.8516 by changing the saturation by 10% instead.

■ 14.1510, 16.3643,
3.8516

■ 14.1510, 16.3643,
3.8516

211.6601,
231.4819, 146.5613

■ 8.3082, 9.7823,
1.5443

■ 32.9407, 37.2295,
13.6660

■ 4.3462, 5.2549,
0.2506

■ 46.6184, 52.2815,
22.0102

■ 1.8998, 2.3976,
0.0000

■ 63.6383, 70.9256,
33.2038

■ 0.5767, 0.8246,
0.0000

■ 84.3659, 93.5463,
47.6653

■ 0.0000, 0.0000,
0.0000

■ 109.1665,
120.5278, 65.8133

■ 138.4055,

152.2547, 88.0663

172.4482,
189.1112, 114.8428

14.1510, 16.3643,
3.8516

14.1510, 16.3643,
3.8516

13.9339, 16.1528,
3.0930

14.4294, 16.6025,
4.9270

13.7701, 15.9629,
2.6139

14.7738, 16.8675,
6.3483

13.6629, 15.8273,
2.3349

15.1896, 17.1619,
8.1426

15.6813, 17.4876,
10.3340

16.2531, 17.8464,
12.9446

■ 16.9090, 18.2397,
15.9947

■ 17.6526, 18.6691,
19.5035

■ 18.4872, 19.1358,
23.4889

■ 19.4161, 19.6412,
27.9681

Harmonies

Analogous

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



18.1659, 16.3643, 4.1436



14.1510, 16.3643, 3.8516



11.0825, 16.3643, 5.9170

Triad

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



14.1510, 16.3643, 3.8516



10.4913, 16.3643, 36.2462



23.9042, 16.3643, 25.8993

Complementary

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



14.1510, 16.3643, 3.8516



4.7105, 3.0656, 18.1128

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.



21.0901, 16.3643, 39.8284



14.1510, 16.3643, 3.8516



13.2049, 16.3643, 47.3425

Square

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



14.1510, 16.3643, 3.8516



9.2208, 16.3643, 22.2923



17.0463, 16.3643, 48.8765



24.2740, 16.3643, 13.9863

Rectangle

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



14.1510, 16.3643, 3.8516



9.8085, 16.3643, 9.2044



17.0463, 16.3643, 48.8765



23.1929, 16.3643, 30.6066

Sweetspot

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



14.1514, 16.3651, 3.8519



28.5819, 31.3859, 22.7468



8.6526, 5.2261, 2.4550



6.7202, 7.4052, 5.1448



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.



14.1514, 16.3651, 3.8519



24.3066, 28.1843, 4.8312



10.4970, 15.3502, 3.8486



4.2890, 4.5964, 4.2856



14.9019, 17.2597, 2.5460



70.8679, 81.8993, 12.0730

Inverse Universe

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



4.7105, 3.0656, 18.1128



6.6708, 3.3664, 31.5513



6.5108, 3.7722, 18.1543



3.8144, 3.9271, 5.0001



3.7764, 1.6352, 19.5019



17.8060, 7.3845, 92.9567

Previews

White Background



This preview shows how the XYZ color 14.1510, 16.3643, 3.8516 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 14.1510, 16.3643, 3.8516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

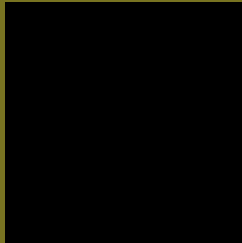
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1510, 16.3643, 3.8516

Background



This preview shows how black text looks on a background with the XYZ color 14.1510, 16.3643, 3.8516.



This preview shows how white text looks on a background with the XYZ color 14.1510, 16.3643,

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

14.1510, 16.3643, 3.8516

Protanopia

14.7700, 16.3502, 3.7439

Deuteranopia

16.5606, 16.3055, 3.9435



Tritanopia

17.1625, 16.2884, 18.7624

Trichromacy



Original Color

14.1510, 16.3643, 3.8516

Protanomaly

14.5902, 16.4240, 3.7677

Deuteranomaly

15.5522, 16.2598, 3.9089

Tritanomaly

15.5678, 16.1088, 11.0929

Monochromacy



Original Color

14.1510, 16.3643, 3.8516

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.7060, 15.1758, 9.7963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1510, 16.3643, 3.8516 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(120, 115, 33)` looks like.

```
.text, #text, p{  
    color:rgb(120, 115, 33)  
}
```

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(120, 115, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 115, 33) }
```

Border

The CSS property to change the border of an element to XYZ 14.1510, 16.3643, 3.8516 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(120, 115, 33) }
```


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

```
.border{ border-color:rgb(120, 115, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 115, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 115, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 115, 33);  
box-shadow:4px 4px 4px 4px rgb(120, 115,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1510, 16.3643, 3.8516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 115, 33) }
```

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

```
.background{ background-color: rgb(120,  
115, 33) }
```

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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