

Converting Colors

XYZ(16.7014, 18.4187, 14.0589)

Have a look what the booklet for
XYZ(16.7014, 18.4187, 14.0589)
contains.

XYZ(16.7408, 18.5309, 14.0037)	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(16.7408, 18.5309,
14.0037)**

Conversions

Conversions Part 1

Format	Color
Hex	787961
RGB	120, 121, 97
RGB Percent	47%, 47%, 38%
CMY	0.5294, 0.5255, 0.6196
CMYK	0.01, 0.00, 0.20, 0.53
HSL	63°, 11%, 43%
HSV	63°, 20%, 47%
XYZ	16.7408, 18.5309, 14.0037
YIQ	117.9650, 7.1080, -7.6760

Conversions

Conversions Part 2

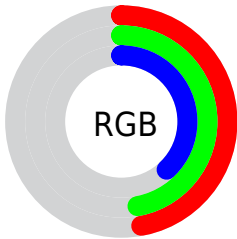
Format	Color
R_{YB}	97, 121, 98
Decimal	7895393
CIE _{Lab}	50.13, -4.79, 13.07
CIE _{LCh}	50, 13.918, 110.111
Yxy	18.5309, 0.3397, 0.3761
Android (android.graphics.Color)	4286085473 (0xFF787961)
YUV	117.9650, -10.3357, 1.7847
Hunter-Lab	43.0475, -5.9161, 10.8458

Details

The XYZ color **16.7408, 18.5309, 14.0037** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7635, 12.5270, 19.8354**, and the grayscale version is **17.2391, 18.1369, 19.7511**.

A 20% lighter version of the original color is **37.3021, 40.7959, 33.9253**, and **5.5786, 6.3437, 4.0624** is the 20% darker color. If you saturate the color by 10%, you get **16.1494, 18.2869, 11.2522**, and if you desaturate by 10%, it is **17.4196, 18.8112, 17.2094**.

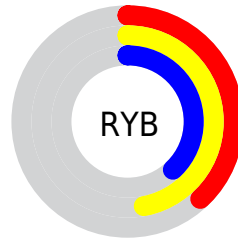
Distribution



Red (47%)

Green (47%)

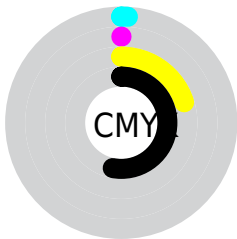
Blue (38%)



Red (38%)

Yellow (47%)

Blue (38%)

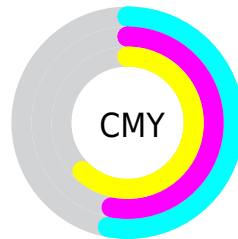


Cyan (1%)

Magenta (0%)

Yellow (20%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7408, 18.5309, 14.0037 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 16.7408, 18.5309, 14.0037 by changing the saturation by 10% instead.

■ 16.7408, 18.5309,
14.0037

■ 16.7408, 18.5309,
14.0037

226.8597,
243.8467, 228.6831

■ 10.1440, 11.3318,
7.9845

■ 37.4267, 40.9399,
33.8128

■ 5.5575, 6.2905,
3.9974

■ 52.2466, 56.9186,
48.4398

■ 2.6160, 3.0225,
1.6239

■ 70.5382, 76.5927,
66.7730

■ 0.9541, 1.1435,
0.3078

■ 92.6669, 100.3464,
89.2312

■ 0.0000, 0.0148,
0.0000

118.9980,
128.5643, 116.2327

■ 0.0000, 0.0000,
0.0000

149.8970,

161.6307, 148.1962

185.7291,
199.9301, 185.5401

■ 16.7408, 18.5309,
14.0037

■ 16.7408, 18.5309,
14.0037

■ 16.1494, 18.2869,
11.2522

■ 17.4196, 18.8112,
17.2094

■ 15.6401, 18.0751,
8.9332

■ 18.1881, 19.1267,
20.8872

■ 15.2092, 17.8948,
7.0250

■ 19.0501, 19.4797,
25.0557

■ 14.8521, 17.7440,
5.5038

■ 20.0089, 19.8715,
29.7319

■ 14.5638, 17.6208,
4.3429

■ 21.0675, 20.3032,
34.9322

■ 14.3386, 17.5228,
3.5126

■ 22.2291, 20.7762,
40.6721

■ 14.1701, 17.4476,
2.9784

■ 23.4962, 21.2914,
46.9665

■ 14.0356, 17.3860,
2.6218

■ 24.8718, 21.8501,
53.8299

■ 14.0334, 17.3850,
2.6160

■ 26.3585, 22.4532,
61.2759

Harmonies

Analogous

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



18.0599, 18.5309, 13.7383



16.7408, 18.5309, 14.0037



15.7068, 18.5309, 15.7999

Triad

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



16.7408, 18.5309, 14.0037



16.0098, 18.5309, 26.3938



20.2789, 18.5309, 21.4727

Complementary

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



16.7408, 18.5309, 14.0037



12.7635, 12.5270, 19.8354

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.



19.6677, 18.5309, 25.2960



16.7408, 18.5309, 14.0037



17.1737, 18.5309, 28.3663

Square

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



16.7408, 18.5309, 14.0037



15.2998, 18.5309, 22.8256



18.5151, 18.5309, 27.9408



20.1484, 18.5309, 17.7416

Rectangle

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



16.7408, 18.5309, 14.0037



15.2967, 18.5309, 17.7663



18.5151, 18.5309, 27.9408



20.1522, 18.5309, 22.7965

Sweetspot

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



16.7413, 18.5317, 14.0041



31.6803, 33.8846, 33.1431



14.3924, 13.6264, 13.1811



7.2288, 7.7416, 7.5068



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.



16.7413, 18.5317, 14.0041



29.4538, 32.9671, 22.6299



15.2044, 17.7394, 13.9322



4.2920, 4.6258, 4.2912



15.0357, 18.6284, 2.8032



71.5374, 88.7643, 13.3628

Inverse Universe

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



12.7635, 12.5270, 19.8354



20.9048, 20.0612, 35.1633



14.1320, 13.2324, 19.8995



3.8117, 3.9008, 4.9952



3.7638, 1.5131, 19.4790



17.7742, 7.1249, 92.9082

Previews

White Background



This preview shows how the XYZ color 16.7408, 18.5309, 14.0037 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 16.7408, 18.5309, 14.0037 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

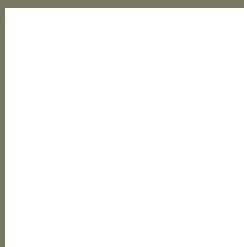
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.7408, 18.5309, 14.0037

Background



This preview shows how black text looks on a background with the XYZ color 16.7408, 18.5309, 14.0037.



This preview shows how white text looks on a background with the XYZ color 16.7408, 18.5309,

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

16.7408, 18.5309, 14.0037

Protanopia

17.3123, 18.4738, 13.7197

Deuteranopia

18.8166, 18.5466, 14.1434



Tritanopia

18.4394, 18.5140, 22.3404

Trichromacy



Original Color

16.7408, 18.5309, 14.0037

Protanomaly

17.1400, 18.5626, 13.7459

Deuteranomaly

17.9260, 18.4297, 14.1678

Tritanomaly

17.7413, 18.4056, 18.8372

Monochromacy



Original Color

16.7408, 18.5309, 14.0037

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.0190, 18.2414, 17.3758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7408, 18.5309, 14.0037 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, 121, 97)` looks like.

```
.text, #text, p{  
    color:rgb(120, 121, 97)  
}
```

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, 121, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 121, 97) }
```

Border

The CSS property to change the border of an element to XYZ 16.7408, 18.5309, 14.0037 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, 121, 97) }
```


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

```
.border{ border-color:rgb(120, 121, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 121, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 121, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 121, 97);  
box-shadow:4px 4px 4px 4px rgb(120, 121,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7408, 18.5309, 14.0037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 121, 97) }
```

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

```
.background{ background-color: rgb(120,  
121, 97) }
```

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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