

Converting Colors

XYZ(14.7518, 17.7030, 14.1623)

Have a look what the booklet for
XYZ(14.7518, 17.7030, 14.1623)
contains.

XYZ(14.7577, 17.6845, 14.1909)	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(14.7577, 17.6845,
14.1909)**

Conversions

Conversions Part 1

Format	Color
Hex	677A62
RGB	103, 122, 98
RGB Percent	40%, 48%, 38%
CMY	0.5961, 0.5216, 0.6157
CMYK	0.16, 0.00, 0.20, 0.52
HSL	108°, 11%, 43%
HSV	108°, 20%, 48%
XYZ	14.7577, 17.6845, 14.1909
YIQ	113.5830, -3.6200, -11.4920

Conversions

Conversions Part 2

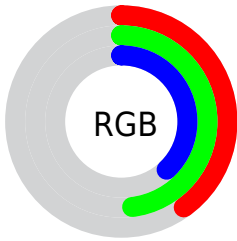
Format	Color
RYB	98, 122, 117
Decimal	6781538
CIELab	49.11, -11.91, 10.86
CIELCh	49, 16.119, 137.651
Yxy	17.6845, 0.3165, 0.3792
Android (android.graphics.Color)	4284971618 (0xFF677A62)
YUV	113.5830, -7.6824, -9.2813
Hunter-Lab	42.0529, -10.9514, 9.4295

Details

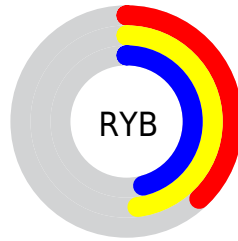
The XYZ color **14.7577, 17.6845, 14.1909** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2173, 13.9229, 20.2986**, and the grayscale version is **15.8929, 16.7206, 18.2087**.

A 20% lighter version of the original color is **33.8873, 39.3121, 34.2357**, and **4.6110, 5.8449, 4.0171** is the 20% darker color. If you saturate the color by 10%, you get **13.1805, 16.9335, 11.3359**, and if you desaturate by 10%, it is **16.5517, 18.5381, 17.5152**.

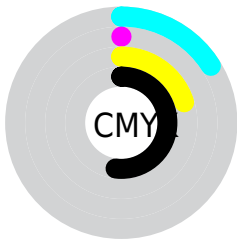
Distribution



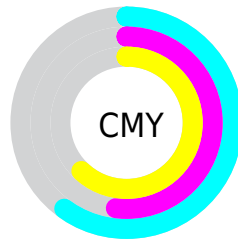
- Red (40%)
- Green (48%)
- Blue (38%)



- Red (38%)
- Yellow (48%)
- Blue (46%)



- Cyan (16%)
- Magenta (0%)
- Yellow (20%)
- Black (52%)



- Cyan (60%)
- Magenta (52%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7577, 17.6845, 14.1909 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 14.7577, 17.6845, 14.1909 by changing the saturation by 10% instead.

■ 14.7577, 17.6845,
14.1909

■ 14.7577, 17.6845,
14.1909

215.3125,
239.0867, 229.8848

■ 8.7347, 10.7237,
8.1133

■ 34.0027, 39.4990,
34.1494

■ 4.6243, 5.8814,
4.0787

■ 47.9554, 55.1215,
48.8673

■ 2.0610, 2.7731,
1.6686

■ 65.2821, 74.4000,
67.3024

■ 0.6679, 1.0144,
0.3391

■ 86.3482, 97.7189,
89.8733

■ 0.0000, 0.0000,
0.0000

111.5188,
125.4626, 116.9984

141.1596,

158.0156, 149.0963

175.6357,
195.7621, 186.5856

■ 14.7577, 17.6845,
14.1909

■ 14.7577, 17.6845,
14.1909

■ 13.1805, 16.9335,
11.3359

■ 16.5517, 18.5381,
17.5152

■ 11.8104, 16.2791,
8.9279

■ 18.5689, 19.4958,
21.3275

■ 10.6390, 15.7178,
6.9447

■ 20.8173, 20.5616,
25.6466

■ 9.6567, 15.2455,
5.3616

■ 23.3038, 21.7388,
30.4902

■ 8.8534, 14.8573,
4.1514

■ 26.0354, 23.0306,
35.8752

■ 8.2175, 14.5481,
3.2833

■ 29.0185, 24.4400,
41.8174

■ 7.7364, 14.3120,
2.7221

■ 32.2594, 25.9699,
48.3325

■ 7.3812, 14.1367,
2.3511

■ 35.7642, 27.6231,
55.4350

■ 7.3711, 14.1318,
2.3392

■ 39.5386, 29.4023,
63.1392

Harmonies

Analogous

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



15.9456, 17.6845, 12.3836



14.7577, 17.6845, 14.1909



14.1352, 17.6845, 17.5354

Triad

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



14.7577, 17.6845, 14.1909



16.1968, 17.6845, 28.5477



19.7222, 17.6845, 16.8483

Complementary

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



14.7577, 17.6845, 14.1909



15.2173, 13.9229, 20.2986

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.



19.7995, 17.6845, 21.0844



14.7577, 17.6845, 14.1909



17.7022, 17.6845, 28.2903

Square

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



14.7577, 17.6845, 14.1909



14.9321, 17.6845, 26.0591



19.0412, 17.6845, 25.4009



18.8361, 17.6845, 13.7528

Rectangle

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



14.7577, 17.6845, 14.1909



14.0985, 17.6845, 20.3810



19.0412, 17.6845, 25.4009



19.8455, 17.6845, 18.1721

Sweetspot

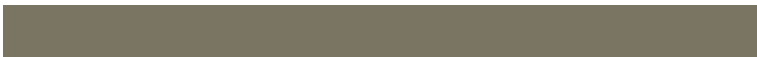
The Sweet Spot groups the original color and five complimentary colors.



14.7582, 17.6853, 14.1913



30.3245, 33.1856, 33.0797



16.5694, 17.6962, 14.0979



6.8952, 7.5697, 7.4912



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.



14.7582, 17.6853, 14.1913



24.5547, 30.4416, 22.4006



14.5366, 17.5323, 15.9291



4.0217, 4.4865, 4.2785



7.7540, 14.8746, 2.4624



36.3986, 70.6496, 11.7183

Inverse Universe

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



15.2173, 13.9229, 20.2986



25.5291, 22.4452, 35.3797



15.5004, 14.1158, 18.1884



4.0767, 4.0374, 5.0076



8.8354, 4.1276, 19.7163



41.4244, 19.3170, 94.0150

Previews

White Background



This preview shows how the XYZ color 14.7577, 17.6845, 14.1909 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 14.7577, 17.6845, 14.1909 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 14.7577, 17.6845, 14.1909

Background



This preview shows how black text looks on a background with the XYZ color 14.7577, 17.6845, 14.1909.



This preview shows how white text looks on a background with the XYZ color 14.7577, 17.6845,

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

14.7577, 17.6845, 14.1909

Protanopia

16.4793, 17.5280, 13.3412

Deuteranopia

17.9259, 17.5768, 14.5044



Tritanopia

16.4935, 17.6773, 22.6214

Trichromacy



Original Color

14.7577, 17.6845, 14.1909

Protanomaly

15.7922, 17.5144, 13.6146

Deuteranomaly

16.6659, 17.6026, 14.3236

Tritanomaly

15.6931, 17.5188, 19.0773

Monochromacy



Original Color

14.7577, 17.6845, 14.1909

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.4985, 17.1203, 16.6750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7577, 17.6845, 14.1909 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(103, 122, 98)` looks like.

```
.text, #text, p{  
    color:rgb(103, 122, 98)  
}
```

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(103, 122, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 122, 98) }
```

Border

The CSS property to change the border of an element to XYZ 14.7577, 17.6845, 14.1909 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(103, 122, 98) }
```


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

```
.border{ border-color:rgb(103, 122, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 122, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 122, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 122, 98);  
box-shadow:4px 4px 4px 4px rgb(103, 122,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7577, 17.6845, 14.1909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 122, 98) }
```

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

```
.background{ background-color: rgb(103,  
122, 98) }
```

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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