

Converting Colors

XYZ(16.7622, 17.6577, 14.0801)

Have a look what the booklet for
XYZ(16.7622, 17.6577, 14.0801)
contains.

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Color

**XYZ(16.7622, 17.6577,
14.0801)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7462
RGB	124, 116, 98
RGB Percent	49%, 45%, 38%
CMY	0.5137, 0.5451, 0.6157
CMYK	0.00, 0.06, 0.21, 0.51
HSL	42°, 12%, 44%
HSV	42°, 21%, 49%
XYZ	16.7622, 17.6577, 14.0801
YIQ	116.3400, 10.5460, -3.9020

Conversions

Conversions Part 2

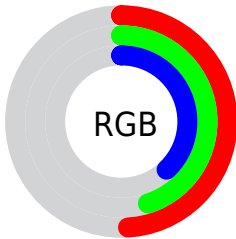
Format	Color
R_{YB}	110, 124, 98
Decimal	8156258
CIE Lab	49.08, -0.12, 11.07
CIE LCh	49, 11.067, 90.603
Yxy	17.6577, 0.3456, 0.3641
Android (android.graphics.Color)	4286346338 (0xFF7C7462)
YUV	116.3400, -9.0416, 6.7178
Hunter-Lab	42.0211, -2.3332, 9.5483

Details

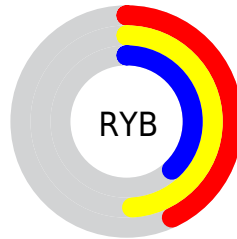
The XYZ color **16.7622, 17.6577, 14.0801** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8291, 14.3597, 21.1118**, and the grayscale version is **16.7299, 17.6011, 19.1676**.

A 20% lighter version of the original color is **37.5589, 39.5223, 34.0828**, and **5.5886, 5.8780, 4.0888** is the 20% darker color. If you saturate the color by 10%, you get **15.7910, 16.5807, 11.0882**, and if you desaturate by 10%, it is **17.8432, 18.8087, 17.5566**.

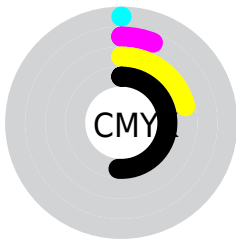
Distribution



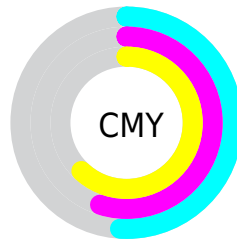
- Red (49%)
- Green (45%)
- Blue (38%)



- Red (43%)
- Yellow (49%)
- Blue (38%)



- Cyan (0%)
- Magenta (6%)
- Yellow (21%)
- Black (51%)



- Cyan (51%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.7622, 17.6577, 14.0801 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 16.7622, 17.6577, 14.0801 by changing the saturation by 10% instead.

■ 16.7622, 17.6577,
14.0801

■ 16.7622, 17.6577,
14.0801

226.9813,
238.9345, 229.1743

■ 10.1593, 10.7045,
8.0370

■ 37.4633, 39.4532,
33.9503

■ 5.5678, 5.8685,
4.0305

■ 52.2923, 55.0643,
48.6144

■ 2.6223, 2.7653,
1.6421

■ 70.5940, 74.3301,
66.9893

■ 0.9573, 1.0105,
0.3206

■ 92.7338, 97.6351,
89.4935

■ 0.0000, 0.0000,
0.0000

119.0771,
125.3637, 116.5456

149.9892,

157.9002, 148.5641

185.8355,
195.6290, 185.9674

■ 16.7622, 17.6577,
14.0801

■ 16.7622, 17.6577,
14.0801

■ 15.7910, 16.5807,
11.0882

■ 17.8432, 18.8087,
17.5566

■ 14.9237, 15.5731,
8.5577

■ 19.0365, 20.0334,
21.5372

■ 14.1561, 14.6337,
6.4653

■ 20.3467, 21.3343,
26.0416

■ 13.4831, 13.7600,
4.7852

■ 21.7773, 22.7132,
31.0881

■ 12.8991, 12.9493,
3.4887

■ 23.3319, 24.1720,
36.6943

■ 12.3977, 12.1988,
2.5437

■ 25.0138, 25.7122,
42.8767

■ 11.9715, 11.5051,
1.9125

■ 26.8262, 27.3354,
49.6515

■ 11.6287, 10.9180,
1.4945

■ 28.7722, 29.0432,
57.0339

■ 30.8549, 30.8371,
65.0388

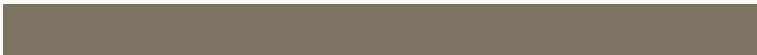
Harmonies

Analogous

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



17.7772, 17.6577, 14.6834



16.7622, 17.6577, 14.0801



15.7920, 17.6577, 14.7335

Triad

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



16.7622, 17.6577, 14.0801



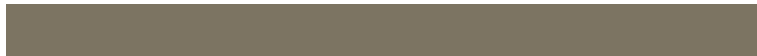
15.1307, 17.6577, 22.2704



18.5740, 17.6577, 22.1561

Complementary

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



16.7622, 17.6577, 14.0801



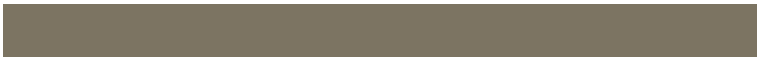
13.8291, 14.3597, 21.1118

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.



17.8149, 17.6577, 24.5504



16.7622, 17.6577, 14.0801



15.8268, 17.6577, 24.6209

Square

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



16.7622, 17.6577, 14.0801



14.8741, 17.6577, 19.2862



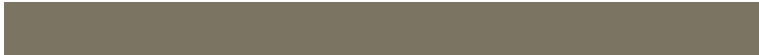
16.8040, 17.6577, 25.4945



18.8489, 17.6577, 19.1664

Rectangle

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



16.7622, 17.6577, 14.0801



15.2944, 17.6577, 15.8368



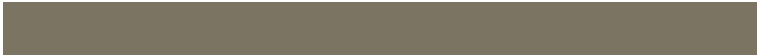
16.8040, 17.6577, 25.4945



18.3655, 17.6577, 23.0678

Sweetspot

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



16.7627, 17.6585, 14.0805



32.3875, 34.1219, 34.1620



15.2938, 14.0662, 15.6086



7.6028, 8.0106, 7.9626



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.7627, 17.6585, 14.0805



28.6837, 30.1815, 22.2386



17.0523, 19.2358, 14.3697



4.2086, 4.4357, 4.2589



11.8192, 11.0944, 1.5185



55.5984, 51.3602, 6.9832

Inverse Universe

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



13.8291, 14.3597, 21.1118



22.5816, 23.3206, 36.8678



13.5728, 13.0607, 20.8746



3.8889, 4.0761, 5.0250



4.4056, 2.8936, 19.7116



20.3420, 12.4566, 93.8020

Previews

White Background



This preview shows how the XYZ color 16.7622, 17.6577, 14.0801 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 16.7622, 17.6577, 14.0801 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

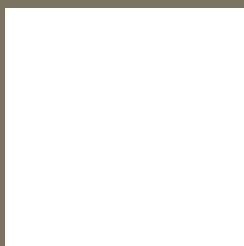
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.7622, 17.6577, 14.0801

Background



This preview shows how black text looks on a background with the XYZ color 16.7622, 17.6577, 14.0801.



This preview shows how white text looks on a background with the XYZ color 16.7622, 17.6577,

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

16.7622, 17.6577, 14.0801

Protanopia

16.6184, 17.5836, 14.0734

Deuteranopia

17.8778, 17.5575, 14.2511



Tritanopia

18.1704, 17.7274, 20.8764

Trichromacy



Original Color

16.7622, 17.6577, 14.0801

Protanomaly

16.6184, 17.5836, 14.0734

Deuteranomaly

17.3632, 17.4569, 14.2588

Tritanomaly

17.6021, 17.6625, 18.1043

Monochromacy



Original Color

16.7622, 17.6577, 14.0801

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.6135, 17.5168, 16.9735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.7622, 17.6577, 14.0801 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(124, 116, 98)` looks like.

```
.text, #text, p{  
    color:rgb(124, 116, 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(124, 116, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 116, 98) }
```

Border

The CSS property to change the border of an element to XYZ 16.7622, 17.6577, 14.0801 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(124, 116, 98) }
```


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

```
.border{ border-color:rgb(124, 116, 98) }
```

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

Here you see how a box with a 4 pixel rgb(124, 116, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 116, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 116, 98);  
box-shadow:4px 4px 4px 4px rgb(124, 116,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 16.7622, 17.6577, 14.0801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 116, 98) }
```

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

```
.background{ background-color: rgb(124,  
116, 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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