

Converting Colors

XYZ(17.6707, 14.6506, 12.0221)

Have a look what the booklet for
XYZ(17.6707, 14.6506, 12.0221)
contains.

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Color

**XYZ(17.7002, 14.7124,
12.0321)**

Conversions

Conversions Part 1

Format	Color
Hex	925D5C
RGB	146, 93, 92
RGB Percent	57%, 36%, 36%
CMY	0.4275, 0.6353, 0.6392
CMYK	0.00, 0.36, 0.37, 0.43
HSL	1°, 23%, 47%
HSV	1°, 37%, 57%
XYZ	17.7002, 14.7124, 12.0321
YIQ	108.7330, 31.9090, 10.9250

Conversions

Conversions Part 2

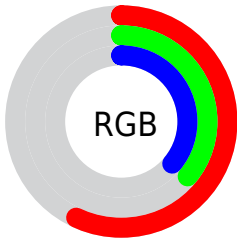
Format	Color
R_{YB}	146, 93, 92
Decimal	9592156
CIE _{Lab}	45.24, 21.57, 9.61
CIE _{LCh}	45, 23.616, 24.006
Yxy	14.7124, 0.3983, 0.3310
Android (android.graphics.Color)	4287782236 (0xFF925D5C)
YUV	108.7330, -8.2494, 32.6832
Hunter-Lab	38.3567, 15.2467, 8.2511

Details

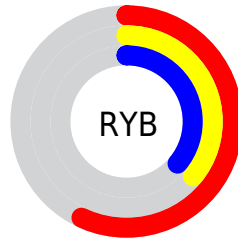
The XYZ color **17.7002, 14.7124, 12.0321** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7270, 24.6006, 30.9029**, and the grayscale version is **14.4768, 15.2308, 16.5863**.

A 20% lighter version of the original color is **38.9431, 34.3170, 30.1625**, and **5.9843, 4.4784, 3.1338** is the 20% darker color. If you saturate the color by 10%, you get **15.9804, 12.1977, 8.6077**, and if you desaturate by 10%, it is **19.7794, 17.7491, 16.1835**.

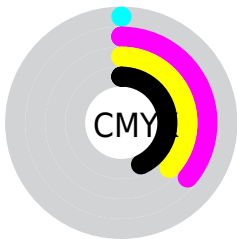
Distribution



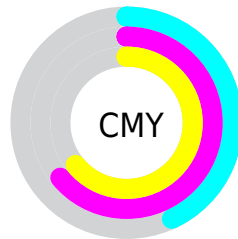
- Red (57%)
- Green (36%)
- Blue (36%)



- Red (57%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (36%)
- Yellow (37%)
- Black (43%)



- Cyan (43%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7002, 14.7124, 12.0321 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 17.7002, 14.7124, 12.0321 by changing the saturation by 10% instead.

■ 17.7002, 14.7124,
12.0321

■ 17.7002, 14.7124,
12.0321

232.2542,
221.6188, 215.6031

■ 10.8333, 8.6178,
6.6427

■ 39.0599, 34.3478,
30.2188

■ 6.0213, 4.4927,
3.1647

■ 54.2835, 48.6575,
43.8533

■ 2.8988, 1.9528,
1.1793

■ 73.0233, 66.4742,
61.0732

■ 1.1005, 0.5799,
0.0000

■ 95.6448, 88.1825,
82.2970

■ 0.0255, 0.0000,
0.0000

122.5133,
114.1667, 107.9434

■ 0.0000, 0.0000,
0.0000

153.9941,

144.8112, 138.4309

190.4526,
180.5005, 174.1779

■ 17.7002, 14.7124,
12.0321

■ 17.7002, 14.7124,
12.0321

■ 15.9804, 12.1977,
8.6077

■ 19.7794, 17.7491,
16.1835

■ 14.5987, 10.1736,
5.8678

■ 22.2357, 21.3325,
21.0994

■ 13.5331, 8.6088,
3.7665


■ 25.0867, 25.4885,
26.8160


■ 12.7586, 7.4672,
2.2522


■ 28.3488, 30.2406,
33.3666


■ 12.2465, 6.7077,
1.2654


■ 32.0374, 35.6111,
40.7828


 11.9545, 6.2733,
0.7072

 36.1671, 41.6209,
49.0946

 11.8835, 6.1699,
0.5646

 40.7519, 48.2902,
58.3304

 45.8049, 55.6382,
68.5175

 51.3390, 63.6833,
79.6821

Harmonies

Analogous

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



18.0585, 14.7124, 17.1682



17.7002, 14.7124, 12.0321



16.3075, 14.7124, 8.8013

Triad

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



17.7002, 14.7124, 12.0321



11.1615, 14.7124, 10.4960



13.5954, 14.7124, 29.2641

Complementary

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



17.7002, 14.7124, 12.0321



19.7270, 24.6006, 30.9029

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.



11.8918, 14.7124, 26.3850



17.7002, 14.7124, 12.0321



10.5732, 14.7124, 14.9228

Square

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



17.7002, 14.7124, 12.0321



12.5117, 14.7124, 8.0696



10.8276, 14.7124, 20.8024



15.5669, 14.7124, 27.9817

Rectangle

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



17.7002, 14.7124, 12.0321



15.0436, 14.7124, 7.7488



10.8276, 14.7124, 20.8024



12.9748, 14.7124, 28.7333

Sweetspot

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



17.7006, 14.7131, 12.0324



42.0379, 41.7323, 42.8575



20.7999, 15.8129, 28.7845



9.2192, 9.0905, 9.2683



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.7006, 14.7131, 12.0324



28.7765, 22.3744, 16.3484



20.4904, 20.2927, 12.9623



5.8089, 5.8316, 6.0599



10.4594, 5.4332, 0.4974



0.1297, 0.0699, 0.0067

Inverse Universe

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



19.7270, 24.6006, 30.9029



32.8615, 42.3128, 54.4088



16.0923, 17.3312, 29.6913



5.9550, 6.5439, 7.4190



13.2496, 19.1939, 26.9375



0.1645, 0.2397, 0.3305

Previews

White Background



This preview shows how the XYZ color 17.7002, 14.7124, 12.0321 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 17.7002, 14.7124, 12.0321 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 17.7002, 14.7124, 12.0321

Background



This preview shows how black text looks on a background with the XYZ color 17.7002, 14.7124, 12.0321.



This preview shows how white text looks on a background with the XYZ color 17.7002, 14.7124,

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

17.7002, 14.7124, 12.0321

Protanopia

14.0654, 14.7957, 13.9189

Deuteranopia

15.0079, 14.7238, 11.7238



Tritanopia

18.1119, 14.7582, 13.6984

Trichromacy



Original Color

17.7002, 14.7124, 12.0321

Protanomaly

15.1749, 14.6324, 13.0909

Deuteranomaly

15.8659, 14.5845, 11.8764

Tritanomaly

17.9711, 14.7019, 12.9569

Monochromacy



Original Color

17.7002, 14.7124, 12.0321

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.3245, 14.8173, 14.8843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7002, 14.7124, 12.0321 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(146, 93, 92)` looks like.

```
.text, #text, p{  
    color:rgb(146, 93, 92)  
}
```

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(146, 93, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 93, 92) }
```

Border

The CSS property to change the border of an element to XYZ 17.7002, 14.7124, 12.0321 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(146, 93, 92) }
```


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

```
.border{ border-color:rgb(146, 93, 92) }
```

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

Here you see how a box with a 4 pixel rgb(146, 93, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 93, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 93, 92);  
box-shadow:4px 4px 4px 4px rgb(146, 93,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7002, 14.7124, 12.0321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 93, 92) }
```

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

```
.background{ background-color: rgb(146, 93,  
92) }
```

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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