

Converting Colors

XYZ(17.8970, 14.6147, 8.6763)

Have a look what the booklet for
XYZ(17.8970, 14.6147, 8.6763)
contains.

XYZ(17.9945, 14.6794, 8.7225)	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(17.9945, 14.6794,
8.7225)**

Conversions

Conversions Part 1

Format	Color
Hex	985B4C
RGB	152, 91, 76
RGB Percent	60%, 36%, 30%
CMY	0.4039, 0.6431, 0.7020
CMYK	0.00, 0.40, 0.50, 0.40
HSL	12°, 33%, 45%
HSV	12°, 50%, 60%
XYZ	17.9945, 14.6794, 8.7225
YIQ	107.5290, 41.1710, 8.2670

Conversions

Conversions Part 2

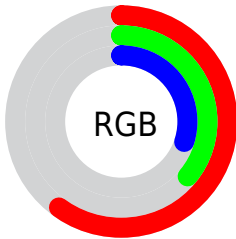
Format	Color
R_{YB}	152, 95, 76
Decimal	9984844
CIE _{Lab}	45.19, 23.34, 19.29
CIE _{LCh}	45, 30.281, 39.563
Yxy	14.6794, 0.4347, 0.3546
Android (android.graphics.Color)	4288174924 (0xFF985B4C)
YUV	107.5290, -15.5438, 39.0011
Hunter-Lab	38.3137, 16.7857, 13.3216

Details

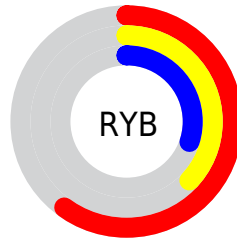
The XYZ color **17.9945, 14.6794, 8.7225** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.5932, 21.6938, 32.9657**, and the grayscale version is **14.1565, 14.8938, 16.2193**.

A 20% lighter version of the original color is **39.6692, 34.3820, 23.9476**, and **6.1984, 4.5023, 1.9088** is the 20% darker color. If you saturate the color by 10%, you get **16.5678, 12.5741, 5.9407**, and if you desaturate by 10%, it is **19.7164, 17.1753, 12.2190**.

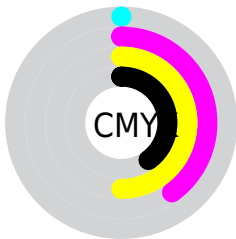
Distribution



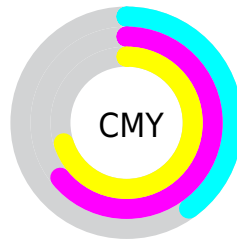
- Red (60%)
- Green (36%)
- Blue (30%)



- Red (60%)
- Yellow (37%)
- Blue (30%)



- Cyan (0%)
- Magenta (40%)
- Yellow (50%)
- Black (40%)





- Cyan (40%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9945, 14.6794, 8.7225 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 17.9945, 14.6794, 8.7225 by changing the saturation by 10% instead.


 17.9945, 14.6794,
8.7225


 17.9945, 14.6794,
8.7225


233.8862,
221.4174, 191.4353


 11.0457, 8.5947,
4.4663


 39.5581, 34.2898,
23.9323


 6.1651, 4.4778,
1.8845


 54.9036, 48.5842,
35.7229


 2.9873, 1.9443,
0.4828

 73.7788, 66.3840,
50.8621

 1.1471, 0.5748,
0.0000

 96.5489, 88.0736,
69.7684

 0.0640, 0.0000,
0.0000

 123.5793,
114.0373, 92.8603

 0.0000, 0.0000,
0.0000

155.2355,

144.6596, 120.5564

191.8827,
180.3248, 153.2752

■ 17.9945, 14.6794,
8.7225

■ 17.9945, 14.6794,
8.7225

■ 16.5678, 12.5741,
5.9407

■ 19.7164, 17.1753,
12.2190

■ 15.4180, 10.8371,
3.8229

■ 21.7481, 20.0779,
16.4744

■ 14.5265, 9.4475,
2.3132

■ 24.1044, 23.4054,
21.5302

■ 13.8719, 8.3811,
1.3461

■ 26.7990, 27.1740,
27.4247

■ 13.4133, 7.6044,
0.7609

■ 29.8448, 31.3991,
34.1938

■ 13.4133, 7.6043,
0.7608

■ 33.2538, 36.0954,
41.8711

■ 37.0376, 41.2768,
50.4886

■ 41.2072, 46.9568,
60.0767

■ 45.7733, 53.1483,
70.6644

Harmonies

Analogous

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



19.2477, 14.6794, 13.8043



17.9945, 14.6794, 8.7225



15.6984, 14.6794, 6.2447

Triad

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



17.9945, 14.6794, 8.7225



9.9164, 14.6794, 11.6434



14.7660, 14.6794, 33.7579

Complementary

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



17.9945, 14.6794, 8.7225



17.5932, 21.6938, 32.9657

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.



12.3408, 14.6794, 32.6589



17.9945, 14.6794, 8.7225



9.7299, 14.6794, 18.3805

Square

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



17.9945, 14.6794, 8.7225



11.1100, 14.6794, 7.5481



10.5659, 14.6794, 26.4491



17.2423, 14.6794, 29.1138

Rectangle

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



17.9945, 14.6794, 8.7225



13.9890, 14.6794, 5.7933



10.5659, 14.6794, 26.4491



13.9157, 14.6794, 34.0730

Sweetspot

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



17.9949, 14.6801, 8.7228



44.7101, 44.3458, 42.7127



20.1256, 13.6813, 25.6501



9.9558, 9.7905, 9.2580



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.9949, 14.6801, 8.7228



28.9822, 21.8036, 9.9906



21.9639, 22.6182, 10.0458



6.3027, 6.4104, 6.5110



11.2653, 6.4130, 0.6441



0.1896, 0.1383, 0.0167

Inverse Universe

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



17.5932, 21.6938, 32.9657



28.1513, 35.5666, 57.8150



13.2117, 12.9308, 31.5052



6.2810, 6.8193, 7.9142



10.6085, 13.6136, 26.9763



0.1821, 0.2506, 0.4111

Previews

White Background



This preview shows how the XYZ color 17.9945, 14.6794, 8.7225 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 17.9945, 14.6794, 8.7225 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 17.9945, 14.6794, 8.7225

Background



This preview shows how black text looks on a background with the XYZ color 17.9945, 14.6794, 8.7225.



This preview shows how white text looks on a background with the XYZ color 17.9945, 14.6794,

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

17.9945, 14.6794, 8.7225

Protanopia

13.8893, 14.7848, 10.3053

Deuteranopia

14.9884, 14.7841, 8.5422



Tritanopia

18.6922, 14.5780, 12.6551

Trichromacy



Original Color

17.9945, 14.6794, 8.7225

Protanomaly

15.0037, 14.4757, 9.5927

Deuteranomaly

16.0484, 14.7500, 8.6578

Tritanomaly

18.4707, 14.6216, 11.0813

Monochromacy



Original Color

17.9945, 14.6794, 8.7225

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.1749, 14.6324, 13.0909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9945, 14.6794, 8.7225 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(152, 91, 76)` looks like.

```
.text, #text, p{  
    color:rgb(152, 91, 76)  
}
```

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(152, 91, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 91, 76) }
```

Border

The CSS property to change the border of an element to XYZ 17.9945, 14.6794, 8.7225 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(152, 91, 76) }
```


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

```
.border{ border-color:rgb(152, 91, 76) }
```

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

Here you see how a box with a 4 pixel rgb(152, 91, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 91, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 91, 76);  
box-shadow:4px 4px 4px 4px rgb(152, 91,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9945, 14.6794, 8.7225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 91, 76) }
```

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

```
.background{ background-color: rgb(152, 91,  
76) }
```

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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