

Converting Colors

XYZ(17.9993, 14.8650, 24.1113)

Have a look what the booklet for
XYZ(17.9993, 14.8650, 24.1113)
contains.

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Color

**XYZ(17.9987, 14.8644,
24.1108)**

Conversions

Conversions Part 1

Format	Color
Hex	855F85
RGB	133, 95, 133
RGB Percent	52%, 37%, 52%
CMY	0.4784, 0.6274, 0.4784
CMYK	0.00, 0.29, 0.00, 0.48
HSL	300°, 17%, 45%
HSV	300°, 29%, 52%
XYZ	17.9987, 14.8644, 24.1108
YIQ	110.6940, 10.4500, 19.8740

Conversions

Conversions Part 2

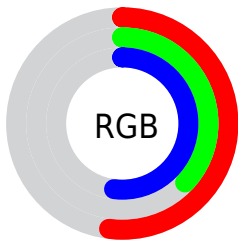
Format	Color
R_{YB}	133, 95, 133
Decimal	8740741
CIE Lab	45.45, 22.26, -15.05
CIE LCh	45, 26.875, 325.934
Yxy	14.8644, 0.3159, 0.2609
Android (android.graphics.Color)	4286930821 (0xFF855F85)
YUV	110.6940, 10.9969, 19.5624
Hunter-Lab	38.5544, 15.8607, -10.0902

Details

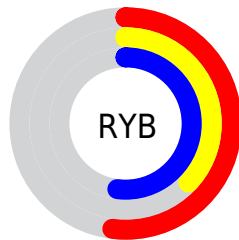
The XYZ color **17.9987, 14.8644, 24.1108** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.1730, 20.0346, 13.8946**, and the grayscale version is **14.9883, 15.7689, 17.1723**.

A 20% lighter version of the original color is **39.6353, 34.6677, 51.0569**, and **6.1856, 4.5774, 8.7411** is the 20% darker color. If you saturate the color by 10%, you get **16.9016, 12.6700, 23.7452**, and if you desaturate by 10%, it is **19.3013, 17.4693, 24.5452**.

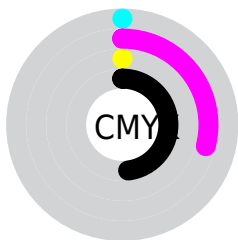
Distribution



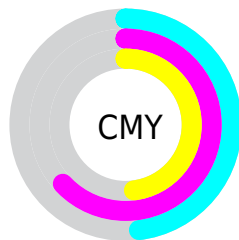
- Red (52%)
- Green (37%)
- Blue (52%)



- Red (52%)
- Yellow (37%)
- Blue (52%)



- Cyan (0%)
- Magenta (29%)
- Yellow (0%)
- Black (48%)



- Cyan (48%)
- Magenta (63%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9987, 14.8644, 24.1108 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 17.9987, 14.8644, 24.1108 by changing the saturation by 10% instead.

■ 17.9987, 14.8644,
24.1108

■ 17.9987, 14.8644,
24.1108

233.9094,
222.5440, 286.6847

■ 11.0487, 8.7243,
15.2029

■ 39.5652, 34.6151,
51.1570

■ 6.1672, 4.5618,
8.8137

■ 54.9125, 48.9945,
70.1324

■ 2.9886, 1.9925,
4.5247

■ 73.7895, 66.8891,
93.3007

■ 1.1477, 0.6031,
1.9174

■ 96.5618, 88.6833,
121.0805

■ 0.0645, 0.0000,
0.5038

123.5945,
114.7615, 153.8902

■ 0.0000, 0.0000,
0.0000

155.2531,

145.5081, 192.1485

191.9030,
181.3074, 236.2738

■ 17.9987, 14.8644,
24.1108

■ 17.9987, 14.8644,
24.1108

■ 16.9016, 12.6700,
23.7452

■ 19.3013, 17.4693,
24.5452

■ 15.9982, 10.8632,
23.4441

■ 20.8176, 20.5019,
25.0506

■ 15.2777, 9.4222,
23.2039

■ 22.5572, 23.9811,
25.6305

■ 14.7276, 8.3220,
23.0205

■ 24.5285, 27.9238,
26.2877

■ 14.3339, 7.5346,
22.8892

■ 26.7397, 32.3462,
27.0248

■ 14.0804, 7.0275,
22.8047

■ 29.1985, 37.2636,
27.8444

■ 13.9273, 6.7214,
22.7537

■ 31.9121, 42.6908,
28.7489

■ 13.9066, 6.6801,
22.7468

■ 34.8876, 48.6419,
29.7408

■ 38.1318, 55.1303,
30.8222

Harmonies

Analogous

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



16.0937, 14.8644, 29.9803



17.9987, 14.8644, 24.1108



18.8669, 14.8644, 17.0739

Triad

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



17.9987, 14.8644, 24.1108



14.4353, 14.8644, 6.7455



10.6027, 14.8644, 22.1912

Complementary

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



17.9987, 14.8644, 24.1108



15.1730, 20.0346, 13.8946

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.



10.2578, 14.8644, 15.3271



17.9987, 14.8644, 24.1108



12.3295, 14.8644, 7.4430

Square

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



17.9987, 14.8644, 24.1108



16.6767, 14.8644, 7.9755



10.8566, 14.8644, 10.2195



11.8535, 14.8644, 28.6824

Rectangle

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



17.9987, 14.8644, 24.1108



18.6802, 14.8644, 13.0334



10.8566, 14.8644, 10.2195



10.3831, 14.8644, 19.8072

Sweetspot

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



17.9992, 14.8651, 24.1111



37.0955, 36.3460, 44.7987



13.0458, 12.3115, 23.8794



8.2759, 8.0256, 10.0656



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.9992, 14.8651, 24.1111



30.9713, 24.0976, 42.7572



16.8029, 14.3865, 17.8114



4.8579, 4.7628, 5.8640



13.2462, 6.3628, 21.6664



0.0459, 0.0220, 0.0751

Inverse Universe

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



17.9992, 14.8651, 24.1111



30.9713, 24.0976, 42.7572



16.1446, 20.4233, 19.0113



4.8579, 4.7628, 5.8640



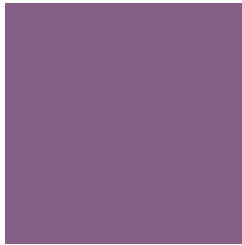
13.2462, 6.3628, 21.6664



0.0459, 0.0220, 0.0751

Previews

White Background



This preview shows how the XYZ color 17.9987, 14.8644, 24.1108 looks on a white background.

Color Contrast Check

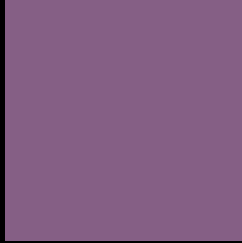
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9987, 14.8644, 24.1108 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 17.9987, 14.8644, 24.1108

Background



This preview shows how black text looks on a background with the XYZ color 17.9987, 14.8644, 24.1108.



This preview shows how white text looks on a background with the XYZ color 17.9987, 14.8644,

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

17.9987, 14.8644, 24.1108

Protanopia

15.1024, 15.0351, 27.3054

Deuteranopia

15.3142, 15.0726, 23.5749



Tritanopia

16.4699, 14.9429, 16.2036

Trichromacy



Original Color

17.9987, 14.8644, 24.1108

Protanomaly

15.9932, 14.9150, 26.0807

Deuteranomaly

16.1187, 14.8817, 23.8527

Tritanomaly

16.9386, 14.8450, 18.8022

Monochromacy



Original Color

17.9987, 14.8644, 24.1108

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.9891, 15.3570, 19.5742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9987, 14.8644, 24.1108 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(133, 95, 133)` looks like.

```
.text, #text, p{  
    color:rgb(133, 95, 133)  
}
```

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(133, 95, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 95, 133) }
```

Border

The CSS property to change the border of an element to XYZ 17.9987, 14.8644, 24.1108 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(133, 95, 133) }
```


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

```
.border{ border-color:rgb(133, 95, 133) }
```

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

Here you see how a box with a 4 pixel rgb(133, 95, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 95, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 95, 133);  
box-shadow:4px 4px 4px 4px rgb(133, 95,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9987, 14.8644, 24.1108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 95, 133) }
```

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

```
.background{ background-color: rgb(133, 95,  
133) }
```

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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