

Converting Colors

XYZ(17.2407, 14.3935, 25.4496)

Have a look what the booklet for
XYZ(17.2407, 14.3935, 25.4496)
contains.

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Color

**XYZ(17.3600, 14.5026,
25.5512)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5F89
RGB	127, 95, 137
RGB Percent	50%, 37%, 54%
CMY	0.5020, 0.6274, 0.4627
CMYK	0.07, 0.31, 0.00, 0.46
HSL	286°, 18%, 45%
HSV	286°, 31%, 54%
XYZ	17.3600, 14.5026, 25.5512
YIQ	109.3560, 5.5900, 19.8460

Conversions

Conversions Part 2

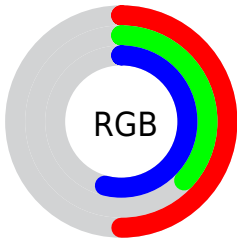
Format	Color
R_{YB}	127, 95, 137
Decimal	8347529
CIE Lab	44.95, 20.99, -18.28
CIE LCh	45, 27.838, 318.945
Yxy	14.5026, 0.3024, 0.2526
Android (android.graphics.Color)	4286537609 (0xFF7F5F89)
YUV	109.3560, 13.6285, 15.4738
Hunter-Lab	38.0823, 14.7261, -13.1229

Details

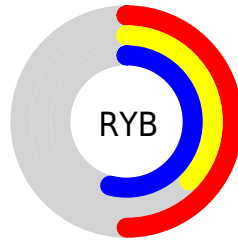
The XYZ color **17.3600, 14.5026, 25.5512** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.8373, 21.7211, 14.1323**, and the grayscale version is **14.5987, 15.3590, 16.7259**.

A 20% lighter version of the original color is **38.3955, 33.9788, 53.2501**, and **5.8378, 4.3798, 9.5545** is the 20% darker color. If you saturate the color by 10%, you get **15.7550, 12.0018, 25.1533**, and if you desaturate by 10%, it is **19.1987, 17.4468, 26.0228**.

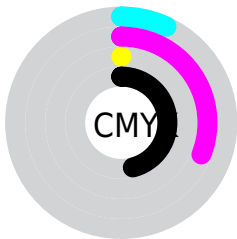
Distribution



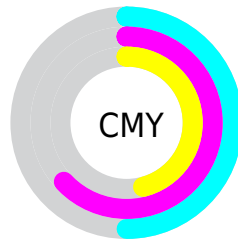
- Red (50%)
- Green (37%)
- Blue (54%)



- Red (50%)
- Yellow (37%)
- Blue (54%)



- Cyan (7%)
- Magenta (31%)
- Yellow (0%)
- Black (46%)



- Cyan (50%)
- Magenta (63%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3600, 14.5026, 25.5512 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 17.3600, 14.5026, 25.5512 by changing the saturation by 10% instead.

■ 17.3600, 14.5026,
25.5512

■ 17.3600, 14.5026,
25.5512

230.3545,
220.3355, 294.1070

■ 10.5884, 8.4711,
16.2654

■ 38.4824, 33.9782,
53.5252

■ 5.8560, 4.3978,
9.5558

■ 53.5639, 48.1910,
73.0505

■ 2.7976, 1.8985,
5.0037

■ 72.1461, 65.8998,
96.8261

■ 1.0476, 0.5475,
2.1907

■ 94.5943, 87.4888,
125.2705

■ 0.0000, 0.0000,
0.6690

121.2739,
113.3425, 158.8022

■ 0.0000, 0.0000,
0.0000

152.5502,

143.8452, 197.8399

188.7886,
179.3814, 242.8020

■ 17.3600, 14.5026,
25.5512

■ 17.3600, 14.5026,
25.5512

■ 15.7550, 12.0018,
25.1533

■ 19.1987, 17.4468,
26.0228

■ 14.3707, 9.9198,
24.8244

■ 21.2805, 20.8538,
26.5707

■ 13.1952, 8.2323,
24.5606

■ 23.6157, 24.7439,
27.1985

■ 12.2145, 6.9118,
24.3574

■ 26.2138, 29.1357,
27.9093

■ 11.4129, 5.9270,
24.2096

■ 29.0836, 34.0469,
28.7060

■ 10.7721, 5.2415,
24.1111

■ 32.2337, 39.4943,
29.5914

■ 10.2688, 4.7722,
24.0470

■ 35.6722, 45.4938,
30.5682

■ 39.4069, 52.0609,
31.6389

■ 43.4451, 59.2101,
32.8060

Harmonies

Analogous

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



15.2566, 14.5026, 30.8845



17.3600, 14.5026, 25.5512



18.5481, 14.5026, 18.3217

Triad

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



17.3600, 14.5026, 25.5512



14.6417, 14.5026, 6.3984



10.0410, 14.5026, 20.2261

Complementary

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



17.3600, 14.5026, 25.5512



16.8373, 21.7211, 14.1323

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.



9.9151, 14.5026, 13.5046



17.3600, 14.5026, 25.5512



12.4099, 14.5026, 6.6463

Square

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



17.3600, 14.5026, 25.5512



16.8674, 14.5026, 8.0916



10.7367, 14.5026, 8.8991



11.1018, 14.5026, 27.2717

Rectangle

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



17.3600, 14.5026, 25.5512



18.5822, 14.5026, 13.9186



10.7367, 14.5026, 8.8991



9.8927, 14.5026, 17.8239

Sweetspot

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



17.3605, 14.5032, 25.5515



38.6896, 38.3051, 47.7376



14.3379, 14.4450, 25.6996



8.5633, 8.4021, 10.6768



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.3605, 14.5032, 25.5515



28.9890, 22.6863, 45.2342



18.2074, 15.0227, 21.8486



5.1195, 5.0700, 6.3146



9.5762, 4.4508, 22.4001



0.0766, 0.0363, 0.1494

Inverse Universe

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



16.9590, 14.5233, 15.2746



28.2277, 22.7765, 23.3926



16.2410, 21.3548, 16.7662



5.0785, 5.0668, 5.5020



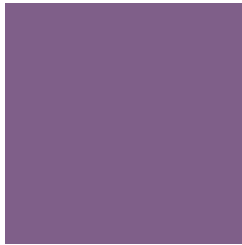
9.8647, 5.0560, 1.7921



0.0705, 0.0356, 0.0380

Previews

White Background



This preview shows how the XYZ color 17.3600, 14.5026, 25.5512 looks on a white background.

Color Contrast Check

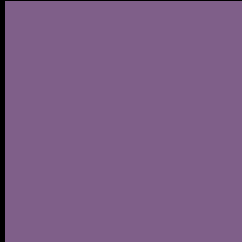
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3600, 14.5026, 25.5512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

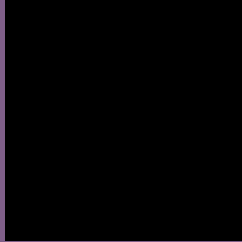
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.3600, 14.5026, 25.5512

Background



This preview shows how black text looks on a background with the XYZ color 17.3600, 14.5026, 25.5512.



This preview shows how white text looks on a background with the XYZ color 17.3600, 14.5026,

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

17.3600, 14.5026, 25.5512

Protanopia

14.8817, 14.5804, 28.8180

Deuteranopia

14.9042, 14.6772, 24.9691



Tritanopia

15.5288, 14.6010, 16.1872

Trichromacy



Original Color

17.3600, 14.5026, 25.5512

Protanomaly

15.5996, 14.3862, 27.5458

Deuteranomaly

15.6532, 14.4644, 25.2595

Tritanomaly

16.1038, 14.5407, 19.4106

Monochromacy



Original Color

17.3600, 14.5026, 25.5512

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.4825, 14.9455, 19.5215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3600, 14.5026, 25.5512 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(127, 95, 137)` looks like.

```
.text, #text, p{  
    color:rgb(127, 95, 137)  
}
```

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(127, 95, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 95, 137) }
```

Border

The CSS property to change the border of an element to XYZ 17.3600, 14.5026, 25.5512 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(127, 95, 137) }
```


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

```
.border{ border-color:rgb(127, 95, 137) }
```

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

Here you see how a box with a 4 pixel rgb(127, 95, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 95, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 95, 137);  
box-shadow:4px 4px 4px 4px rgb(127, 95,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3600, 14.5026, 25.5512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 95, 137) }
```

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

```
.background{ background-color: rgb(127, 95,  
137) }
```

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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