

Converting Colors

XYZ(14.5273, 12.3213, 15.2137)

Have a look what the booklet for
XYZ(14.5273, 12.3213, 15.2137)
contains.

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Color

**XYZ(14.5487, 12.3800,
15.2585)**

Conversions

Conversions Part 1

Format	Color
Hex	7D586A
RGB	125, 88, 106
RGB Percent	49%, 35%, 42%
CMY	0.5098, 0.6549, 0.5843
CMYK	0.00, 0.30, 0.15, 0.51
HSL	331°, 17%, 42%
HSV	331°, 30%, 49%
XYZ	14.5487, 12.3800, 15.2585
YIQ	101.1150, 16.2740, 13.4420

Conversions

Conversions Part 2

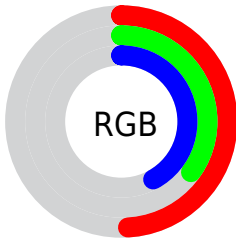
Format	Color
R_{YB}	125, 88, 106
Decimal	8214634
CIE _{Lab}	41.81, 18.27, -4.20
CIE _{LCh}	42, 18.744, 347.037
Yxy	12.3800, 0.3449, 0.2935
Android (android.graphics.Color)	4286404714 (0xFF7D586A)
YUV	101.1150, 2.4083, 20.9471
Hunter-Lab	35.1852, 12.2336, -1.0822

Details

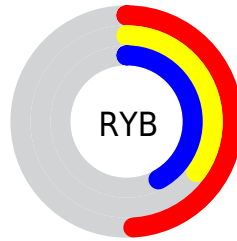
The XYZ color **14.5487, 12.3800, 15.2585** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.0125, 17.8038, 16.6086**, and the grayscale version is **12.3906, 13.0359, 14.1961**.

A 20% lighter version of the original color is **33.5344, 30.0763, 35.9361**, and **4.5190, 3.4676, 4.5688** is the 20% darker color. If you saturate the color by 10%, you get **13.2879, 10.3727, 13.2524**, and if you desaturate by 10%, it is **16.0112, 14.7504, 17.4554**.

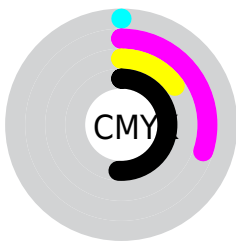
Distribution



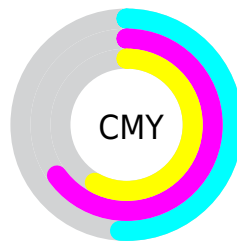
- Red (49%)
- Green (35%)
- Blue (42%)



- Red (49%)
- Yellow (35%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (15%)
- Black (51%)



- Cyan (51%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5487, 12.3800, 15.2585 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 14.5487, 12.3800, 15.2585 by changing the saturation by 10% instead.

■ 14.5487, 12.3800,
15.2585

■ 14.5487, 12.3800,
15.2585

214.0611,
206.9050, 236.6200

■ 8.5875, 7.0030,
8.8524

■ 33.6377, 30.1853,
36.0547

■ 4.5281, 3.4640,
4.5495

■ 47.4962, 43.3825,
51.2819

■ 2.0050, 1.3785,
1.9314

■ 64.7179, 59.9551,
70.2865

■ 0.6368, 0.2008,
0.5126

■ 85.6681, 80.2877,
93.4871

■ 0.0000, 0.0000,
0.0000

■ 110.7121,
104.7646, 121.3022

140.2154,

133.7702, 154.1504

174.5433,
167.6888, 192.4501

■ 14.5487, 12.3800,
15.2585

■ 14.5487, 12.3800,
15.2585

■ 13.2879, 10.3727,
13.2524

■ 16.0112, 14.7504,
17.4554

■ 12.2182, 8.7085,
11.4306

■ 17.6831, 17.4990,
19.8479

■ 11.3296, 7.3684,
9.7870

■ 19.5732, 20.6422,
22.4415

■ 10.6107, 6.3304,
8.3149

■ 21.6893, 24.1950,
25.2414

■ 10.0488, 5.5701,
7.0072

■ 24.0388, 28.1715,
28.2523

■ 9.6292, 5.0590,
5.8558

■ 26.6289, 32.5850,
31.4790

■ 9.3071, 4.7086,
4.8425

■ 29.4664, 37.4485,
34.9261

■ 9.2947, 4.6949,
4.8041

■ 32.5576, 42.7744,
38.5978

■ 35.9091, 48.5744,
42.4984

Harmonies

Analogous

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



13.8188, 12.3800, 19.3549



14.5487, 12.3800, 15.2585



14.4925, 12.3800, 11.3722

Triad

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



14.5487, 12.3800, 15.2585



11.0059, 12.3800, 7.4379



10.0484, 12.3800, 19.8455

Complementary

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



14.5487, 12.3800, 15.2585



14.0125, 17.8038, 16.6086

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.



9.4063, 12.3800, 15.8328



14.5487, 12.3800, 15.2585



9.9287, 12.3800, 8.9329

Square

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



14.5487, 12.3800, 15.2585



12.3725, 12.3800, 7.3442



9.3643, 12.3800, 11.8448



11.1812, 12.3800, 22.3313

Rectangle

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



14.5487, 12.3800, 15.2585



14.0162, 12.3800, 9.3985



9.3643, 12.3800, 11.8448



9.7720, 12.3800, 18.5985

Sweetspot

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



14.5491, 12.3806, 15.2588



31.7874, 31.5372, 35.7124



13.1953, 11.5556, 20.9372



7.1421, 7.0275, 7.9994



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.



14.5491, 12.3806, 15.2588



24.3764, 19.4930, 24.6784



13.7091, 12.0446, 10.8354



4.4081, 4.3764, 4.9537



9.6972, 4.8986, 4.9952



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.5491, 12.3806, 15.2588



24.3764, 19.4930, 24.6784



15.0602, 18.2229, 22.1259



4.4081, 4.3764, 4.9537



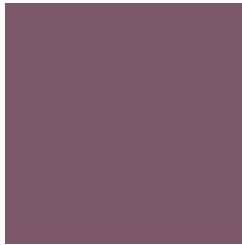
9.6972, 4.8986, 4.9952



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5487, 12.3800, 15.2585 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 14.5487, 12.3800, 15.2585 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 14.5487, 12.3800, 15.2585

Background



This preview shows how black text looks on a background with the XYZ color 14.5487, 12.3800, 15.2585.



This preview shows how white text looks on a background with the XYZ color 14.5487, 12.3800,

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

14.5487, 12.3800, 15.2585

Protanopia

12.2221, 12.4466, 17.0875

Deuteranopia

12.6765, 12.4498, 15.0995



Tritanopia

14.1260, 12.4605, 12.9699

Trichromacy



Original Color

14.5487, 12.3800, 15.2585

Protanomaly

12.8806, 12.2570, 16.4388

Deuteranomaly

13.2742, 12.3593, 15.0506

Tritanomaly

14.1848, 12.3499, 13.6927

Monochromacy



Original Color

14.5487, 12.3800, 15.2585

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.0615, 12.6600, 14.5872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5487, 12.3800, 15.2585 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(125, 88, 106)` looks like.

```
.text, #text, p{  
    color:rgb(125, 88, 106)  
}
```

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(125, 88, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 88, 106) }
```

Border

The CSS property to change the border of an element to XYZ 14.5487, 12.3800, 15.2585 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(125, 88, 106) }
```


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

```
.border{ border-color:rgb(125, 88, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 88, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 88, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 88, 106);  
box-shadow:4px 4px 4px 4px rgb(125, 88,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5487, 12.3800, 15.2585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 88, 106) }
```

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

```
.background{ background-color: rgb(125, 88,  
106) }
```

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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