

Converting Colors

XYZ(14.6027, 12.6274, 10.9390)

Have a look what the booklet for
XYZ(14.6027, 12.6274, 10.9390)
contains.

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Color

**XYZ(14.5398, 12.5952,
10.8973)**

Conversions

Conversions Part 1

Format	Color
Hex	825958
RGB	130, 89, 88
RGB Percent	51%, 35%, 35%
CMY	0.4902, 0.6510, 0.6549
CMYK	0.00, 0.32, 0.32, 0.49
HSL	1°, 19%, 43%
HSV	1°, 32%, 51%
XYZ	14.5398, 12.5952, 10.8973
YIQ	101.1450, 24.7570, 8.3810

Conversions

Conversions Part 2

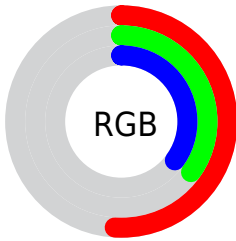
Format	Color
R_{YB}	130, 89, 88
Decimal	8542552
CIE _{Lab}	42.15, 16.78, 7.40
CIE _{LCh}	42, 18.334, 23.790
Yxy	12.5952, 0.3823, 0.3312
Android (android.graphics.Color)	4286732632 (0xFF825958)
YUV	101.1450, -6.4805, 25.3058
Hunter-Lab	35.4897, 11.0228, 6.6375

Details

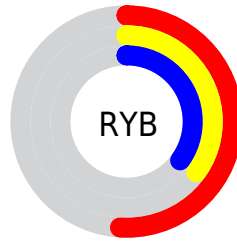
The XYZ color **14.5398, 12.5952, 10.8973** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.9038, 19.3863, 24.0229**, and the grayscale version is **12.4192, 13.0659, 14.2288**.

A 20% lighter version of the original color is **33.5872, 30.4906, 28.1598**, and **4.5244, 3.5644, 2.7350** is the 20% darker color. If you saturate the color by 10%, you get **13.0821, 10.4661, 7.9874**, and if you desaturate by 10%, it is **16.2763, 15.1280, 14.3742**.

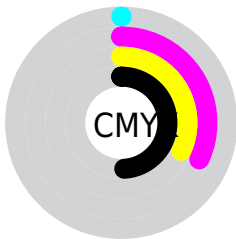
Distribution



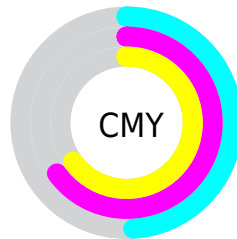
- Red (51%)
- Green (35%)
- Blue (35%)



- Red (51%)
- Yellow (35%)
- Blue (35%)



- Cyan (0%)
- Magenta (32%)
- Yellow (32%)
- Black (49%)



- Cyan (49%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5398, 12.5952, 10.8973 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 14.5398, 12.5952, 10.8973 by changing the saturation by 10% instead.

■ 14.5398, 12.5952,
10.8973

■ 14.5398, 12.5952,
10.8973

214.0077,
208.3068, 207.6737

■ 8.5813, 7.1504,
5.8845

■ 33.6221, 30.5746,
28.1038

■ 4.5240, 3.5563,
2.7073

■ 47.4766, 43.8780,
41.1347

■ 2.0026, 1.4286,
0.9471

■ 64.6938, 60.5697,
57.6753

■ 0.6354, 0.2377,
0.0000

■ 85.6391, 81.0341,
78.1442

■ 0.0000, 0.0000,
0.0000

■ 110.6777,
105.6556, 102.9599

140.1751,

134.8187, 132.5411

174.4967,
168.9076, 167.3062

■ 14.5398, 12.5952,
10.8973

■ 14.5398, 12.5952,
10.8973

■ 13.0821, 10.4661,
7.9874

■ 16.2763, 15.1280,
14.3742

■ 11.8878, 8.7182,
5.6137

■ 18.3039, 18.0820,
18.4453

■ 10.9413, 7.3296,
3.7439

■ 20.6355, 21.4756,
23.1366

■ 10.2254, 6.2752,
2.3414

■ 23.2830, 25.3260,
28.4725

■ 9.7203, 5.5270,
1.3651

■ 26.2575, 29.6492,
34.4763

■ 9.4030, 5.0522,
0.7668

■ 29.5696, 34.4603,
41.1699

■ 9.2397, 4.8132,
0.4421

■ 33.2295, 39.7741,
48.5741

■ 37.2469, 45.6045,
56.7092

■ 41.6312, 51.9649,
65.5943

Harmonies

Analogous

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



14.7777, 12.5952, 14.5441



14.5398, 12.5952, 10.8973



13.5914, 12.5952, 8.4949

Triad

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



14.5398, 12.5952, 10.8973



9.9742, 12.5952, 9.7322



11.6894, 12.5952, 22.6362

Complementary

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



14.5398, 12.5952, 10.8973



15.9038, 19.3863, 24.0229

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.



10.4855, 12.5952, 20.7248



14.5398, 12.5952, 10.8973



9.5449, 12.5952, 12.9162

Square

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



14.5398, 12.5952, 10.8973



10.9425, 12.5952, 7.9171



9.7247, 12.5952, 16.9786



13.0627, 12.5952, 21.8151

Rectangle

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



14.5398, 12.5952, 10.8973



12.7198, 12.5952, 7.6836



9.7247, 12.5952, 16.9786



11.2529, 12.5952, 22.2820

Sweetspot

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



14.5401, 12.5958, 10.8976



33.0440, 33.0224, 34.1110



16.6782, 13.3184, 22.5654



7.3758, 7.3237, 7.5126



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.5401, 12.5958, 10.8976



23.6172, 19.2774, 15.2196



16.5111, 16.5378, 11.5546



4.3354, 4.3594, 4.5331



8.8601, 4.6166, 0.4241



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9038, 19.3863, 24.0229



26.4206, 33.2416, 42.2163



13.4482, 14.4751, 23.2044



4.4379, 4.8698, 5.5193



11.1283, 16.0751, 22.7662



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5398, 12.5952, 10.8973 looks on a white background.

Color Contrast Check

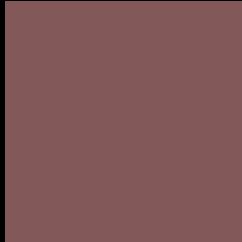
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5398, 12.5952, 10.8973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

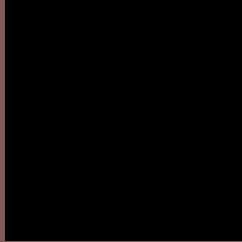
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5398, 12.5952, 10.8973

Background



This preview shows how black text looks on a background with the XYZ color 14.5398, 12.5952, 10.8973.



This preview shows how white text looks on a background with the XYZ color 14.5398, 12.5952,

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

14.5398, 12.5952, 10.8973

Protanopia

12.0311, 12.5976, 12.1534

Deuteranopia

12.8426, 12.6313, 10.7780



Tritanopia

14.9154, 12.6310, 12.4784

Trichromacy



Original Color

14.5398, 12.5952, 10.8973

Protanomaly

12.7906, 12.4505, 11.6266

Deuteranomaly

13.3804, 12.5099, 10.7263

Tritanomaly

14.7816, 12.5774, 11.7738

Monochromacy



Original Color

14.5398, 12.5952, 10.8973

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.0681, 12.8387, 12.8557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5398, 12.5952, 10.8973 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(130, 89, 88)` looks like.

```
.text, #text, p{  
    color:rgb(130, 89, 88)  
}
```

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(130, 89, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 89, 88) }
```

Border

The CSS property to change the border of an element to XYZ 14.5398, 12.5952, 10.8973 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(130, 89, 88) }
```


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

```
.border{ border-color:rgb(130, 89, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 89, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 89, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 89, 88);  
box-shadow:4px 4px 4px 4px rgb(130, 89,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5398, 12.5952, 10.8973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 89, 88) }
```

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

```
.background{ background-color: rgb(130, 89,  
88) }
```

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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