

Converting Colors

XYZ(14.7245, 11.0776, 16.1816)

Have a look what the booklet for
XYZ(14.7245, 11.0776, 16.1816)
contains.

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Color

**XYZ(14.7590, 11.1200,
16.1203)**

Conversions

Conversions Part 1

Format	Color
Hex	834C6E
RGB	131, 76, 110
RGB Percent	51%, 30%, 43%
CMY	0.4863, 0.7019, 0.5686
CMYK	0.00, 0.42, 0.16, 0.49
HSL	323°, 27%, 41%
HSV	323°, 42%, 51%
XYZ	14.7590, 11.1200, 16.1203
YIQ	96.3210, 21.8660, 22.2340

Conversions

Conversions Part 2

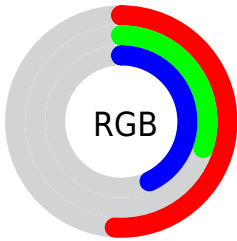
Format	Color
R_{YB}	131, 76, 110
Decimal	8604782
CIE _{Lab}	39.78, 28.31, -9.63
CIE _{LCh}	40, 29.900, 341.215
Yxy	11.1200, 0.3514, 0.2648
Android (android.graphics.Color)	4286794862 (0xFF834C6E)
YUV	96.3210, 6.7437, 30.4135
Hunter-Lab	33.3467, 20.6462, -5.3191

Details

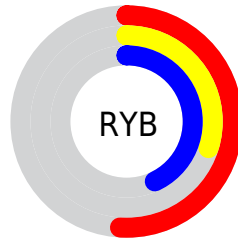
The XYZ color **14.7590, 11.1200, 16.1203** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **13.2550, 18.6325, 14.2080**, and the grayscale version is **11.1769, 11.7590, 12.8055**.

A 20% lighter version of the original color is **33.9900, 27.8446, 37.7655**, and **4.6171, 2.9320, 4.8800** is the 20% darker color. If you saturate the color by 10%, you get **13.6820, 9.3896, 14.4554**, and if you desaturate by 10%, it is **16.0358, 13.2252, 17.9280**.

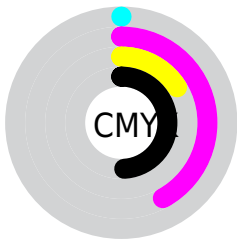
Distribution



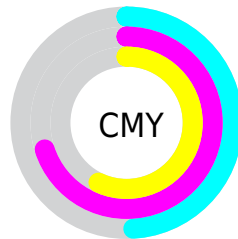
- Red (51%)
- Green (30%)
- Blue (43%)



- Red (51%)
- Yellow (30%)
- Blue (43%)



- Cyan (0%)
- Magenta (42%)
- Yellow (16%)
- Black (49%)



- Cyan (49%)
- Magenta (70%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7590, 11.1200, 16.1203 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 14.7590, 11.1200, 16.1203 by changing the saturation by 10% instead.

14.7590, 11.1200,
16.1203

14.7590, 11.1200,
16.1203

215.3203,
198.4890, 241.9204

8.7356, 6.1476,
9.4540

34.0050, 27.8819,
37.5766

4.6249, 2.9350,
4.9377

47.9583, 40.4401,
53.2038

2.0614, 1.0979,
2.1526

65.2856, 56.2958,
72.6549

0.6681, 0.0000,
0.6468

86.3524, 75.8332,
96.3487

0.0000, 0.0000,
0.0000

111.5239, 99.4369,
124.7036

141.1654,

127.4911, 158.1382

175.6424,
160.3804, 197.0709

■ 14.7590, 11.1200,
16.1203

■ 14.7590, 11.1200,
16.1203

■ 13.6820, 9.3896,
14.4554

■ 16.0358, 13.2252,
17.9280

■ 12.7924, 8.0098,
12.9274

■ 17.5220, 15.7244,
19.8824

■ 12.0778, 6.9562,
11.5311

■ 19.2277, 18.6371,
21.9882

■ 11.5238, 6.2004,
10.2604

■ 21.1620, 21.9812,
24.2497

■ 11.1135, 5.7091,
9.1084

■ 23.3335, 25.7736,
26.6708

■ 10.8446, 5.4191,
8.2549

■ 25.7503, 30.0303,
29.2553

■ 28.4202, 34.7662,
32.0070

■ 31.3506, 39.9960,
34.9293

■ 34.5487, 45.7335,
38.0256

Harmonies

Analogous

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



13.3860, 11.1200, 22.7440



14.7590, 11.1200, 16.1203



14.9279, 11.1200, 10.0415

Triad

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



14.7590, 11.1200, 16.1203



9.8207, 11.1200, 4.0654



7.8719, 11.1200, 21.1766

Complementary

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



14.7590, 11.1200, 16.1203



13.2550, 18.6325, 14.2080

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.



7.1541, 11.1200, 14.4397



14.7590, 11.1200, 16.1203



8.1782, 11.1200, 5.4448

Square

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



14.7590, 11.1200, 16.1203



11.8905, 11.1200, 4.2547



7.2585, 11.1200, 8.8233



9.3497, 11.1200, 26.2544

Rectangle

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



14.7590, 11.1200, 16.1203



14.3128, 11.1200, 7.1476



7.2585, 11.1200, 8.8233



7.5430, 11.1200, 18.9539

Sweetspot

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



14.7593, 11.1205, 16.1205



34.0069, 32.6439, 38.8632



11.5232, 9.3041, 22.6614



7.7742, 7.3545, 8.8739



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.



14.7593, 11.1205, 16.1205



24.6482, 17.0469, 26.1238



13.5192, 10.6245, 9.5901



4.7845, 4.7335, 5.4775



10.6761, 5.3348, 8.1325



0.0406, 0.0199, 0.0470

Inverse Universe

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



14.7593, 11.1205, 16.1205



24.6482, 17.0469, 26.1238



14.7142, 19.2162, 21.8923



4.7845, 4.7335, 5.4775



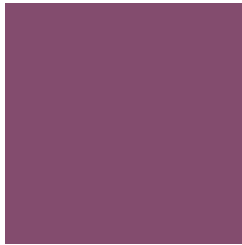
10.6761, 5.3348, 8.1325



0.0406, 0.0199, 0.0470

Previews

White Background



This preview shows how the XYZ color 14.7590, 11.1200, 16.1203 looks on a white background.

Color Contrast Check

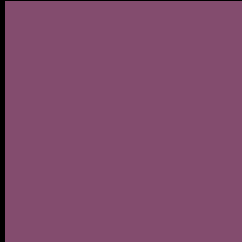
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7590, 11.1200, 16.1203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

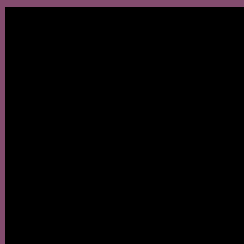
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7590, 11.1200, 16.1203

Background



This preview shows how black text looks on a background with the XYZ color 14.7590, 11.1200, 16.1203.



This preview shows how white text looks on a background with the XYZ color 14.7590, 11.1200,

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

14.7590, 11.1200, 16.1203

Protanopia

11.3577, 11.2601, 19.9872

Deuteranopia

11.4108, 11.2572, 15.4814



Tritanopia

13.5648, 11.1622, 10.4564

Trichromacy



Original Color

14.7590, 11.1200, 16.1203

Protanomaly

12.2717, 11.0080, 18.6175

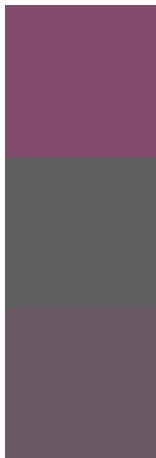
Deuteranomaly

12.3412, 10.9895, 15.6581

Tritanomaly

13.9148, 11.0853, 12.2328

Monochromacy



Original Color

14.7590, 11.1200, 16.1203

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

12.2280, 11.3356, 13.8554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7590, 11.1200, 16.1203 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(131, 76, 110)` looks like.

```
.text, #text, p{  
    color:rgb(131, 76, 110)  
}
```

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(131, 76, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 76, 110) }
```

Border

The CSS property to change the border of an element to XYZ 14.7590, 11.1200, 16.1203 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(131, 76, 110) }
```


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

```
.border{ border-color:rgb(131, 76, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 76, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 76, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 76, 110);  
box-shadow:4px 4px 4px 4px rgb(131, 76,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7590, 11.1200, 16.1203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 76, 110) }
```

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

```
.background{ background-color: rgb(131, 76,  
110) }
```

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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