

Converting Colors

XYZ(16.2097, 15.0745, 14.2283)

Have a look what the booklet for
XYZ(16.2097, 15.0745, 14.2283)
contains.

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Color

**XYZ(16.2575, 15.1687,
14.1276)**

Conversions

Conversions Part 1

Format	Color
Hex	826664
RGB	130, 102, 100
RGB Percent	51%, 40%, 39%
CMY	0.4902, 0.6000, 0.6078
CMYK	0.00, 0.22, 0.23, 0.49
HSL	4°, 13%, 45%
HSV	4°, 23%, 51%
XYZ	16.2575, 15.1687, 14.1276
YIQ	110.1440, 17.3300, 5.3140

Conversions

Conversions Part 2

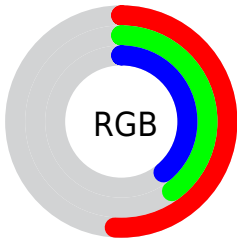
Format	Color
R_{YB}	130, 102, 100
Decimal	8545892
CIE _{Lab}	45.86, 10.89, 5.41
CIE _{LCh}	46, 12.164, 26.418
Yxy	15.1687, 0.3569, 0.3330
Android (android.graphics.Color)	4286735972 (0xFF826664)
YUV	110.1440, -5.0010, 17.4137
Hunter-Lab	38.9470, 6.3533, 5.7561

Details

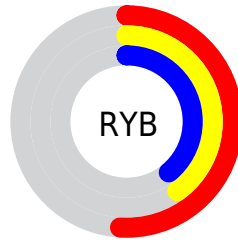
The XYZ color **16.2575, 15.1687, 14.1276** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.0036, 19.7586, 24.0366**, and the grayscale version is **14.8731, 15.6477, 17.0403**.

A 20% lighter version of the original color is **36.5056, 35.0841, 34.1260**, and **5.3171, 4.6949, 3.9941** is the 20% darker color. If you saturate the color by 10%, you get **14.5716, 12.7246, 10.7051**, and if you desaturate by 10%, it is **18.2192, 18.0034, 18.1378**.

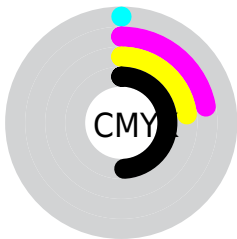
Distribution



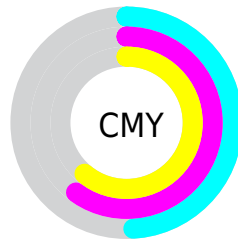
- Red (51%)
- Green (40%)
- Blue (39%)



- Red (51%)
- Yellow (40%)
- Blue (39%)



- Cyan (0%)
- Magenta (22%)
- Yellow (23%)
- Black (49%)



- Cyan (49%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2575, 15.1687, 14.1276 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 16.2575, 15.1687, 14.1276 by changing the saturation by 10% instead.

■ 16.2575, 15.1687,
14.1276

■ 16.2575, 15.1687,
14.1276

224.0971,
224.3851, 229.4792

■ 9.7986, 8.9379,
8.0697

■ 36.5985, 35.1489,
34.0356

■ 5.3268, 4.7007,
4.0512

■ 51.2113, 49.6670,
48.7229

■ 2.4770, 2.0727,
1.6535

■ 69.2727, 67.7163,
67.1236

■ 0.8837, 0.6492,
0.3285

■ 91.1481, 89.6813,
89.6564

■ 0.0000, 0.0000,
0.0000

117.2029,
115.9462, 116.7399

147.8024,

146.8956, 148.7924

183.3120,
182.9137, 186.2327

■ 16.2575, 15.1687,
14.1276

■ 16.2575, 15.1687,
14.1276

■ 14.5716, 12.7246,
10.7051

■ 18.2192, 18.0034,
18.1378

■ 13.1479, 10.6521,
7.8418

■ 20.4670, 21.2425,
22.7604

■ 11.9736, 8.9335,
5.5083

■ 23.0121, 24.9018,
28.0201

■ 11.0343, 7.5490,
3.6719

■ 25.8649, 28.9957,
33.9396

■ 10.3141, 6.4769,
2.2967

■ 29.0351, 33.5377,
40.5408

■ 9.7953, 5.6929,
1.3417

■ 32.5321, 38.5408,
47.8444

■ 9.4569, 5.1689,
0.7577

■ 36.3650, 44.0176,
55.8702

■ 9.3001, 4.9342,
0.4622

■ 40.5423, 49.9800,
64.6375

■ 45.0724, 56.4397,
74.1645

Harmonies

Analogous

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



16.4775, 15.1687, 16.8717



16.2575, 15.1687, 14.1276



15.5365, 15.1687, 12.2419

Triad

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



16.2575, 15.1687, 14.1276



12.8354, 15.1687, 13.5837



14.2945, 15.1687, 22.8217

Complementary

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



16.2575, 15.1687, 14.1276



17.0036, 19.7586, 24.0366

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.



13.3534, 15.1687, 21.6848



16.2575, 15.1687, 14.1276



12.5366, 15.1687, 16.1656

Square

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



16.2575, 15.1687, 14.1276



13.5573, 15.1687, 11.9550



12.7217, 15.1687, 19.1598



15.3131, 15.1687, 22.1109

Rectangle

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



16.2575, 15.1687, 14.1276



14.8857, 15.1687, 11.6101



12.7217, 15.1687, 19.1598



13.9590, 15.1687, 22.6399

Sweetspot

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



16.2579, 15.1694, 14.1279



34.3659, 34.9932, 36.6265



17.6594, 15.4188, 22.4674



7.7389, 7.8635, 8.2087



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.



16.2579, 15.1694, 14.1279



26.9225, 24.2388, 21.4054



17.8675, 18.3886, 14.6644



4.3491, 4.3868, 4.5376



8.9195, 4.7353, 0.4439



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.0036, 19.7586, 24.0366



28.4886, 33.8818, 42.2308



15.1900, 16.1314, 23.4321



4.4226, 4.8393, 5.5143



10.4588, 14.7361, 22.5431



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.2575, 15.1687, 14.1276 looks on a white background.

Color Contrast Check

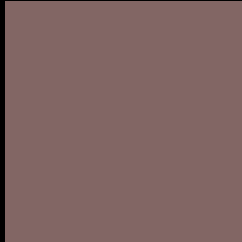
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2575, 15.1687, 14.1276 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 16.2575, 15.1687, 14.1276

Background



This preview shows how black text looks on a background with the XYZ color 16.2575, 15.1687, 14.1276.



This preview shows how white text looks on a background with the XYZ color 16.2575, 15.1687,

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

16.2575, 15.1687, 14.1276

Protanopia

14.4928, 15.1491, 14.9922

Deuteranopia

15.4721, 15.2150, 13.9257



Tritanopia

16.7205, 15.2154, 16.2429

Trichromacy



Original Color

16.2575, 15.1687, 14.1276

Protanomaly

15.1601, 15.1893, 14.7032

Deuteranomaly

15.8066, 15.2371, 13.9123

Tritanomaly

16.5636, 15.1526, 15.4163

Monochromacy



Original Color

16.2575, 15.1687, 14.1276

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.1953, 15.3379, 15.7953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2575, 15.1687, 14.1276 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, 102, 100)` looks like.

```
.text, #text, p{  
    color:rgb(130, 102, 100)  
}
```

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, 102, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 102, 100) }
```

Border

The CSS property to change the border of an element to XYZ 16.2575, 15.1687, 14.1276 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, 102, 100) }
```


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

```
.border{ border-color:rgb(130, 102, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 102, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 102, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 102, 100);  
box-shadow:4px 4px 4px 4px rgb(130, 102,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2575, 15.1687, 14.1276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 102, 100) }
```

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

```
.background{ background-color: rgb(130,  
102, 100) }
```

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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