

Converting Colors

XYZ(15.8469, 12.7030, 10.4316)

Have a look what the booklet for
XYZ(15.8469, 12.7030, 10.4316)
contains.

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Color

**XYZ(15.8345, 12.6753,
10.4161)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5456
RGB	141, 84, 86
RGB Percent	55%, 33%, 34%
CMY	0.4471, 0.6706, 0.6627
CMYK	0.00, 0.40, 0.39, 0.45
HSL	358°, 25%, 44%
HSV	358°, 40%, 55%
XYZ	15.8345, 12.6753, 10.4161
YIQ	101.2710, 33.3300, 12.7060

Conversions

Conversions Part 2

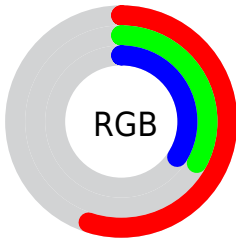
Format	Color
R_{YB}	141, 84, 86
Decimal	9262166
CIE Lab	42.27, 23.96, 9.00
CIE LCh	42, 25.592, 20.579
Yxy	12.6753, 0.4068, 0.3256
Android (android.graphics.Color)	4287452246 (0xFF8D5456)
YUV	101.2710, -7.5286, 34.8423
Hunter-Lab	35.6024, 17.0854, 7.5753

Details

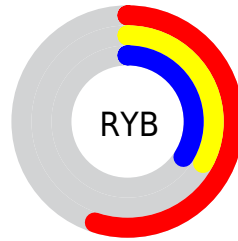
The XYZ color **15.8345, 12.6753, 10.4161** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.8418, 22.7988, 27.8876**, and the grayscale version is **12.4529, 13.1014, 14.2674**.

A 20% lighter version of the original color is **35.7340, 30.5635, 27.3085**, and **5.0863, 3.5579, 2.5165** is the 20% darker color. If you saturate the color by 10%, you get **14.3512, 10.5041, 7.4697**, and if you desaturate by 10%, it is **17.6431, 15.3301, 13.9862**.

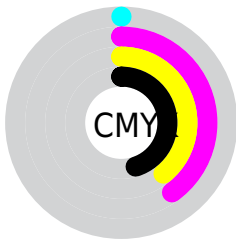
Distribution



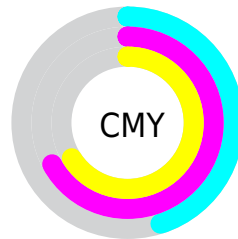
- Red (55%)
- Green (33%)
- Blue (34%)



- Red (55%)
- Yellow (33%)
- Blue (34%)



- Cyan (0%)
- Magenta (40%)
- Yellow (39%)
- Black (45%)



- Cyan (45%)
- Magenta (67%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8345, 12.6753, 10.4161 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 15.8345, 12.6753, 10.4161 by changing the saturation by 10% instead.

■ 15.8345, 12.6753,
10.4161

■ 15.8345, 12.6753,
10.4161

221.6528,
208.8261, 204.2081

■ 9.4972, 7.2053,
5.5665

■ 35.8704, 30.7192,
27.1952

■ 5.1266, 3.5908,
2.5188

■ 50.2998, 44.0619,
39.9618

■ 2.3572, 1.4474,
0.8501

■ 68.1572, 60.7977,
56.2045

■ 0.8237, 0.2513,
0.0000

■ 89.8080, 81.3109,
76.3418

■ 0.0000, 0.0000,
0.0000

■ 115.6177,
105.9860, 100.7923

145.9514,

135.2073, 129.9745

181.1747,
169.3592, 164.3069

■ 15.8345, 12.6753,
10.4161

■ 15.8345, 12.6753,
10.4161

■ 14.3512, 10.5041,
7.4697

■ 17.6431, 15.3301,
13.9862

■ 13.1731, 8.7857,
5.1105

■ 19.7938, 18.4932,
18.2120

■ 12.2791, 7.4886,
3.2993

■ 22.3032, 22.1899,
23.1245

■ 11.6453, 6.5766,
1.9921

■ 25.1867, 26.4433,
28.7522

■ 11.2438, 6.0072,
1.1379

■ 28.4588, 31.2748,
35.1222

■ 11.0115, 5.6735,
0.6565

■ 32.1330, 36.7052,
42.2602

■ 36.2225, 42.7539,
50.1904

■ 40.7396, 49.4396,
58.9363

■ 45.6962, 56.7801,
68.5202

Harmonies

Analogous

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



16.0579, 12.6753, 15.6007



15.8345, 12.6753, 10.4161



14.5406, 12.6753, 7.1519

Triad

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



15.8345, 12.6753, 10.4161



9.4207, 12.6753, 8.1288



11.4547, 12.6753, 27.0395

Complementary

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



15.8345, 12.6753, 10.4161



17.8418, 22.7988, 27.8876

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.



9.8570, 12.6753, 23.6571



15.8345, 12.6753, 10.4161



8.7674, 12.6753, 12.1458

Square

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



15.8345, 12.6753, 10.4161



10.7989, 12.6753, 6.0949



8.9182, 12.6753, 17.8503



13.3888, 12.6753, 26.2170

Rectangle

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



15.8345, 12.6753, 10.4161



13.3140, 12.6753, 6.0527



8.9182, 12.6753, 17.8503



10.8640, 12.6753, 26.3289

Sweetspot

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



15.8348, 12.6759, 10.4163



39.0677, 38.4505, 39.7035



18.4844, 13.6805, 26.8655



8.6117, 8.4198, 8.6446



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.8348, 12.6759, 10.4163



25.7896, 18.9409, 13.5539



18.1233, 17.3798, 10.7879



5.4161, 5.4270, 5.6890



10.0418, 5.1737, 0.6053



0.0972, 0.0500, 0.0122

Inverse Universe

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



15.8348, 12.6759, 10.4163



25.7896, 18.9409, 13.5539



14.6352, 16.1499, 27.5450



5.4161, 5.4270, 5.6890



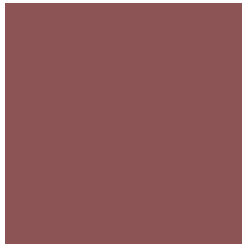
10.0418, 5.1737, 0.6053



0.0972, 0.0500, 0.0122

Previews

White Background



This preview shows how the XYZ color 15.8345, 12.6753, 10.4161 looks on a white background.

Color Contrast Check

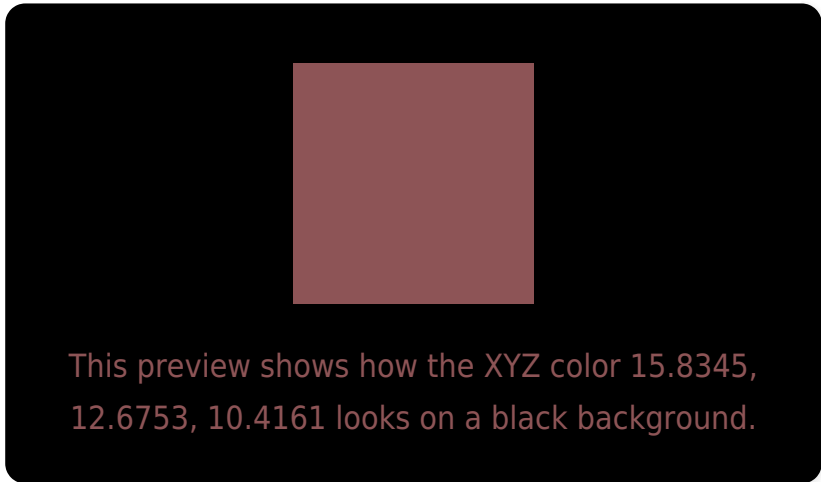
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 15.8345, 12.6753, 10.4161

Background



This preview shows how black text looks on a background with the XYZ color 15.8345, 12.6753, 10.4161.



This preview shows how white text looks on a background with the XYZ color 15.8345, 12.6753,

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

15.8345, 12.6753, 10.4161

Protanopia

12.1711, 12.8061, 12.4200

Deuteranopia

12.9856, 12.7188, 10.1581



Tritanopia

15.9232, 12.5874, 11.2632

Trichromacy



Original Color

15.8345, 12.6753, 10.4161

Protanomaly

13.2271, 12.5426, 11.6214

Deuteranomaly

13.9243, 12.6701, 10.3060

Tritanomaly

15.8809, 12.5705, 11.0405

Monochromacy



Original Color

15.8345, 12.6753, 10.4161

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.4060, 12.7419, 12.8192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8345, 12.6753, 10.4161 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(141, 84, 86)` looks like.

```
.text, #text, p{  
    color:rgb(141, 84, 86)  
}
```

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(141, 84, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 84, 86) }
```

Border

The CSS property to change the border of an element to XYZ 15.8345, 12.6753, 10.4161 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(141, 84, 86) }
```


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

```
.border{ border-color:rgb(141, 84, 86) }
```

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

Here you see how a box with a 4 pixel rgb(141, 84, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 84, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 84, 86);  
box-shadow:4px 4px 4px 4px rgb(141, 84,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8345, 12.6753, 10.4161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 84, 86) }
```

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

```
.background{ background-color: rgb(141, 84,  
86) }
```

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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