

Converting Colors

XYZ(16.6471, 14.0528, 13.0463)

Have a look what the booklet for
XYZ(16.6471, 14.0528, 13.0463)
contains.

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Color

**XYZ(16.6323, 14.0063,
13.1361)**

Conversions

Conversions Part 1

Format	Color
Hex	8B5C61
RGB	139, 92, 97
RGB Percent	55%, 36%, 38%
CMY	0.4549, 0.6392, 0.6196
CMYK	0.00, 0.34, 0.30, 0.45
HSL	354°, 20%, 45%
HSV	354°, 34%, 55%
XYZ	16.6323, 14.0063, 13.1361
YIQ	106.6230, 26.4070, 11.5190

Conversions

Conversions Part 2

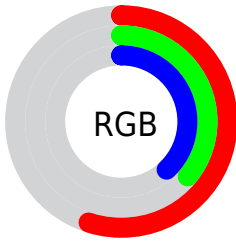
Format	Color
R_{YB}	139, 92, 97
Decimal	9133153
CIE _{Lab}	44.24, 20.00, 5.04
CIE _{LCh}	44, 20.629, 14.144
Yxy	14.0063, 0.3800, 0.3200
Android (android.graphics.Color)	4287323233 (0xFF8B5C61)
YUV	106.6230, -4.7441, 28.3946
Hunter-Lab	37.4250, 13.8347, 5.3868

Details

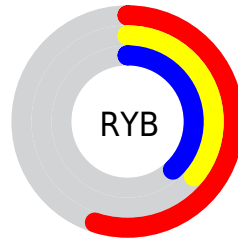
The XYZ color **16.6323, 14.0063, 13.1361** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.9500, 22.4622, 25.9450**, and the grayscale version is **13.8788, 14.6015, 15.9011**.

A 20% lighter version of the original color is **37.4159, 33.2524, 32.4633**, and **5.4664, 4.1420, 3.6433** is the 20% darker color. If you saturate the color by 10%, you get **15.0023, 11.6017, 9.9554**, and if you desaturate by 10%, it is **18.5748, 16.8904, 16.8688**.

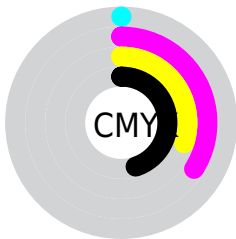
Distribution



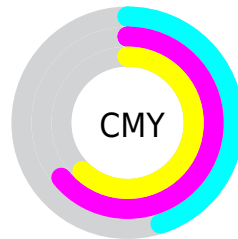
- Red (55%)
- Green (36%)
- Blue (38%)



- Red (55%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (34%)
- Yellow (30%)
- Black (45%)



- Cyan (45%)
- Magenta (64%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6323, 14.0063, 13.1361 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 16.6323, 14.0063, 13.1361 by changing the saturation by 10% instead.

■ 16.6323, 14.0063,
13.1361

■ 16.6323, 14.0063,
13.1361

226.2422,
217.2700, 223.0265

■ 10.0664, 8.1250,
7.3905

■ 37.2411, 33.1002,
32.2428

■ 5.5056, 4.1751,
3.6254

■ 52.0147, 47.0816,
46.4411

■ 2.5846, 1.7720,
1.4222

■ 70.2549, 64.5319,
64.2939

■ 0.9381, 0.4696,
0.1589

■ 92.3271, 85.8355,
86.2199

■ 0.0000, 0.0000,
0.0000

118.5965,
111.3767, 112.6377

149.4286,

141.5399, 143.9656

185.1887,
176.7095, 180.6224

■ 16.6323, 14.0063,
13.1361

■ 16.6323, 14.0063,
13.1361

■ 15.0023, 11.6017,
9.9554

■ 18.5748, 16.8904,
16.8688

■ 13.6672, 9.6487,
7.2997

■ 20.8436, 20.2760,
21.1770

■ 12.6098, 8.1197,
5.1409


■ 23.4534, 24.1860,
26.0842


■ 11.8101, 6.9831,
3.4479

■ 26.4174, 28.6415,
31.6119


■ 11.2459, 6.2029,
2.1861


■ 29.7482, 33.6622,
37.7809


 10.8903, 5.7355,
1.3160

 33.4578, 39.2670,
44.6108

 10.7322, 5.5229,
0.9441

 37.5576, 45.4738,
52.1205

 42.0584, 52.2999,
60.3280

 46.9709, 59.7618,
69.2508

Harmonies

Analogous

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



16.6038, 14.0063, 17.8703



16.6323, 14.0063, 13.1361



15.7216, 14.0063, 9.7570

Triad

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



16.6323, 14.0063, 13.1361



11.2228, 14.0063, 9.6151



12.4644, 14.0063, 25.7678

Complementary

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



16.6323, 14.0063, 13.1361



17.9500, 22.4622, 25.9450

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.



11.1631, 14.0063, 22.4948



16.6323, 14.0063, 13.1361



10.4878, 14.0063, 12.9001

Square

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



16.6323, 14.0063, 13.1361



12.5522, 14.0063, 8.0272



10.4669, 14.0063, 17.5804



14.1030, 14.0063, 25.8676

Rectangle

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



16.6323, 14.0063, 13.1361



14.7448, 14.0063, 8.4478



10.4669, 14.0063, 17.5804



11.9762, 14.0063, 24.9761

Sweetspot

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



16.6327, 14.0070, 13.1364



38.9349, 38.7165, 40.9563



18.2425, 14.5477, 26.2728



8.8414, 8.7263, 9.1921



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.



16.6327, 14.0070, 13.1364



27.3847, 21.5388, 18.8471



18.1574, 17.4177, 12.5309



5.0531, 5.0567, 5.3681



9.6898, 4.9860, 0.8707



0.0668, 0.0341, 0.0186

Inverse Universe

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



16.6327, 14.0070, 13.1364



27.3847, 21.5388, 18.8471



15.9097, 17.8107, 27.0256



5.0531, 5.0567, 5.3681



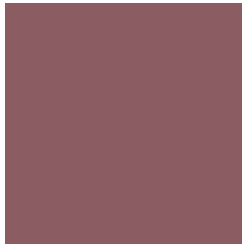
9.6898, 4.9860, 0.8707



0.0668, 0.0341, 0.0186

Previews

White Background



This preview shows how the XYZ color 16.6323, 14.0063, 13.1361 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 16.6323, 14.0063, 13.1361 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 16.6323, 14.0063, 13.1361

Background



This preview shows how black text looks on a background with the XYZ color 16.6323, 14.0063, 13.1361.



This preview shows how white text looks on a background with the XYZ color 16.6323, 14.0063,

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

16.6323, 14.0063, 13.1361

Protanopia

13.5124, 14.0259, 15.0918

Deuteranopia

14.3270, 14.0555, 12.7843



Tritanopia

16.7267, 14.0441, 13.6336

Trichromacy



Original Color

16.6323, 14.0063, 13.1361

Protanomaly

14.5139, 13.9759, 14.2446

Deuteranomaly

15.0832, 14.0155, 12.9766

Tritanomaly

16.6792, 14.0251, 13.3833

Monochromacy



Original Color

16.6323, 14.0063, 13.1361

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.8073, 14.4040, 14.8318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6323, 14.0063, 13.1361 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(139, 92, 97)` looks like.

```
.text, #text, p{  
    color:rgb(139, 92, 97)  
}
```

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(139, 92, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 92, 97) }
```

Border

The CSS property to change the border of an element to XYZ 16.6323, 14.0063, 13.1361 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(139, 92, 97) }
```


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

```
.border{ border-color:rgb(139, 92, 97) }
```

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

Here you see how a box with a 4 pixel rgb(139, 92, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 92, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 92, 97);  
box-shadow:4px 4px 4px 4px rgb(139, 92,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6323, 14.0063, 13.1361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 92, 97) }
```

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

```
.background{ background-color: rgb(139, 92,  
97) }
```

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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