

Converting Colors

XYZ(13.0835, 16.9886, 14.8761)

Have a look what the booklet for
XYZ(13.0835, 16.9886, 14.8761)
contains.

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Color

**XYZ(13.0881, 16.9903,
14.9016)**

Conversions

Conversions Part 1

Format	Color
Hex	547B65
RGB	84, 123, 101
RGB Percent	33%, 48%, 40%
CMY	0.6706, 0.5176, 0.6039
CMYK	0.32, 0.00, 0.18, 0.52
HSL	146°, 19%, 41%
HSV	146°, 32%, 48%
XYZ	13.0881, 16.9903, 14.9016
YIQ	108.8310, -16.1820, -15.1100

Conversions

Conversions Part 2

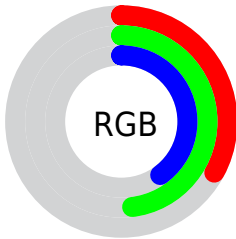
Format	Color
R_{YB}	84, 111, 123
Decimal	5536613
CIE _{Lab}	48.25, -18.73, 7.70
CIE _{LCh}	48, 20.257, 157.644
Yxy	16.9903, 0.2910, 0.3777
Android (android.graphics.Color)	4283726693 (0xFF547B65)
YUV	108.8310, -3.8607, -21.7768
Hunter-Lab	41.2193, -15.4558, 7.4190

Details

The XYZ color **13.0881, 16.9903, 14.9016** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.9408, 11.5927, 15.1392**, and the grayscale version is **14.5022, 15.2574, 16.6153**.

A 20% lighter version of the original color is **31.1845, 38.4686, 35.4873**, and **3.8776, 5.5572, 4.3583** is the 20% darker color. If you saturate the color by 10%, you get **11.7567, 16.3420, 13.1391**, and if you desaturate by 10%, it is **14.6425, 17.7511, 16.8252**.

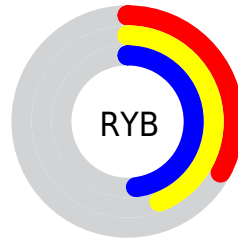
Distribution



Red (33%)

Green (48%)

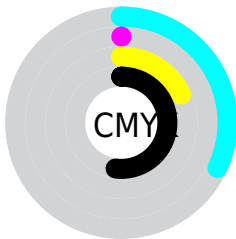
Blue (40%)



Red (33%)

Yellow (44%)

Blue (48%)

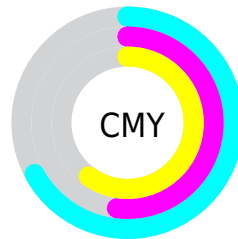


Cyan (32%)

Magenta (0%)

Yellow (18%)

Black (52%)



Cyan (67%)

Magenta (52%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0881, 16.9903, 14.9016 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 13.0881, 16.9903, 14.9016 by changing the saturation by 10% instead.

■ 13.0881, 16.9903,
14.9016

■ 13.0881, 16.9903,
14.9016

205.1077,
235.1165, 234.3901

■ 7.5667, 10.2276,
8.6045

■ 31.0619, 38.3091,
35.4203

■ 3.8684, 5.5501,
4.3909

■ 44.2450, 53.6340,
50.4790

■ 1.6280, 2.5735,
1.8421

■ 60.7128, 72.5817,
69.2953

■ 0.4105, 0.9134,
0.4555

■ 80.8304, 95.5366,
92.2878

■ 0.0000, 0.0000,
0.0000

■ 104.9634,
122.8831, 119.8750

133.4770,

155.0057, 152.4754

166.7367,
192.2887, 190.5076

■ 13.0881, 16.9903,
14.9016

■ 13.0881, 16.9903,
14.9016

■ 11.7567, 16.3420,
13.1391

■ 14.6425, 17.7511,
16.8252

■ 10.6361, 15.7988,
11.5322

■ 16.4286, 18.6275,
18.9127

■ 9.7150, 15.3552,
10.0771

■ 18.4563, 19.6250,
21.1684

■ 8.9804, 15.0047,
8.7691

■ 20.7344, 20.7481,
23.5960

■ 8.4177, 14.7398,
7.6033

■ 23.2714, 22.0009,
26.1992

■ 8.0099, 14.5519,
6.5746

■ 26.0753, 23.3877,
28.9814

■ 7.7401, 14.4292,
5.8199

■ 29.1538, 24.9123,
31.9461

■ 32.5142, 26.5784,
35.0966

■ 36.1637, 28.3897,
38.4360

Harmonies

Analogous

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



14.0797, 16.9903, 11.5709



13.0881, 16.9903, 14.9016



12.8850, 16.9903, 19.8827

Triad

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



13.0881, 16.9903, 14.9016



16.6248, 16.9903, 30.4916



19.1204, 16.9903, 12.9675

Complementary

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



13.0881, 16.9903, 14.9016



13.9408, 11.5927, 15.1392

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.



19.9218, 16.9903, 17.1821



13.0881, 16.9903, 14.9016



18.4113, 16.9903, 27.7555

Square

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



13.0881, 16.9903, 14.9016



14.8380, 16.9903, 29.5627



19.6529, 16.9903, 22.6345



17.5345, 16.9903, 10.6113

Rectangle

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



13.0881, 16.9903, 14.9016



13.2086, 16.9903, 23.6193



19.6529, 16.9903, 22.6345



19.4958, 16.9903, 14.1789

Sweetspot

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



13.0886, 16.9910, 14.9020



29.9216, 33.6032, 34.4379



14.6395, 17.8770, 11.0668



6.9526, 7.8676, 8.0035



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.0886, 16.9910, 14.9020



21.6751, 29.5662, 24.3750



14.1542, 17.4173, 20.5134



4.0167, 4.4763, 4.6217



8.0041, 14.9253, 6.0064



37.7684, 71.0304, 26.4824

Inverse Universe

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



13.9408, 11.5927, 15.1392



23.4526, 18.3015, 24.8656



13.0432, 11.2336, 10.4126



4.0841, 4.0494, 4.6407



9.5711, 4.8046, 6.2981



45.2215, 22.7450, 27.7604

Previews

White Background



This preview shows how the XYZ color 13.0881, 16.9903, 14.9016 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 13.0881, 16.9903, 14.9016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

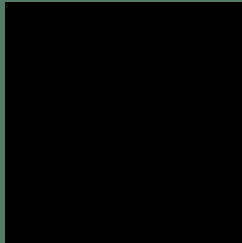
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

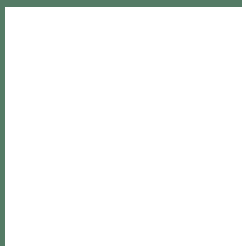
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.0881, 16.9903, 14.9016

Background



This preview shows how black text looks on a background with the XYZ color 13.0881, 16.9903, 14.9016.



This preview shows how white text looks on a background with the XYZ color 13.0881, 16.9903,

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

13.0881, 16.9903, 14.9016

Protanopia

15.8744, 16.8722, 13.4863

Deuteranopia

17.1279, 16.8185, 15.4403



Tritanopia

14.7757, 16.9523, 23.2622

Trichromacy



Original Color

13.0881, 16.9903, 14.9016

Protanomaly

14.6293, 16.7302, 14.0135

Deuteranomaly

15.3890, 16.7515, 15.2542

Tritanomaly

14.0707, 16.8396, 19.9615

Monochromacy



Original Color

13.0881, 16.9903, 14.9016

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.8744, 15.7846, 15.9511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0881, 16.9903, 14.9016 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(84, 123, 101)` looks like.

```
.text, #text, p{  
    color:rgb(84, 123, 101)  
}
```

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(84, 123, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 123, 101) }
```

Border

The CSS property to change the border of an element to XYZ 13.0881, 16.9903, 14.9016 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(84, 123, 101) }
```


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

```
.border{ border-color:rgb(84, 123, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 123, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 123, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 123, 101);  
box-shadow:4px 4px 4px 4px rgb(84, 123,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0881, 16.9903, 14.9016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 123, 101) }
```

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

```
.background{ background-color: rgb(84, 123,  
101) }
```

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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