

Converting Colors

XYZ(13.3230, 16.7858, 14.0147)

Have a look what the booklet for
XYZ(13.3230, 16.7858, 14.0147)
contains.

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Color

**XYZ(13.3564, 16.7807,
14.0903)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7962
RGB	91, 121, 98
RGB Percent	36%, 47%, 38%
CMY	0.6431, 0.5255, 0.6157
CMYK	0.25, 0.00, 0.19, 0.53
HSL	134°, 14%, 42%
HSV	134°, 25%, 47%
XYZ	13.3564, 16.7807, 14.0903
YIQ	109.4080, -10.4970, -13.5130

Conversions

Conversions Part 2

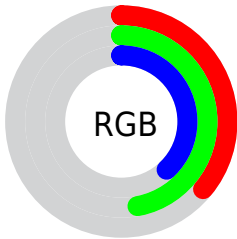
Format	Color
R_{YB}	91, 115, 121
Decimal	5994850
CIE _{Lab}	47.98, -15.84, 9.15
CIE _{LCh}	48, 18.293, 149.977
Y _{xy}	16.7807, 0.3020, 0.3794
Android (android.graphics.Color)	4284184930 (0xFF5B7962)
YUV	109.4080, -5.6241, -16.1438
Hunter-Lab	40.9643, -13.4875, 8.2812

Details

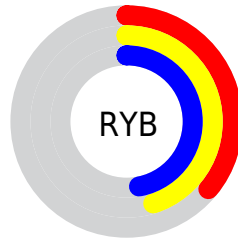
The XYZ color **13.3564, 16.7807, 14.0903** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.6641, 12.7625, 17.6110**, and the grayscale version is **14.6698, 15.4338, 16.8074**.

A 20% lighter version of the original color is **31.5237, 37.8078, 34.0699**, and **3.9759, 5.4181, 4.0851** is the 20% darker color. If you saturate the color by 10%, you get **11.8455, 16.0500, 11.8641**, and if you desaturate by 10%, it is **15.1114, 17.6323, 16.5937**.

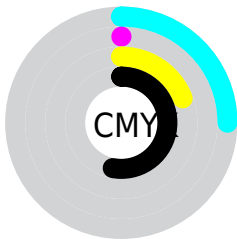
Distribution



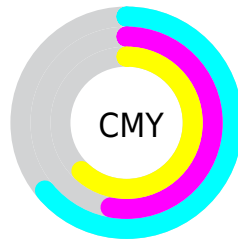
- Red (36%)
- Green (47%)
- Blue (38%)



- Red (36%)
- Yellow (45%)
- Blue (47%)



- Cyan (25%)
- Magenta (0%)
- Yellow (19%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3564, 16.7807, 14.0903 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 13.3564, 16.7807, 14.0903 by changing the saturation by 10% instead.

■ 13.3564, 16.7807,
14.0903

■ 13.3564, 16.7807,
14.0903

206.7811,
233.9054, 229.2398

■ 7.7531, 10.0783,
8.0440

■ 31.5385, 37.9483,
33.9686

■ 3.9878, 5.4509,
4.0350

■ 44.8480, 53.1823,
48.6377

■ 1.6953, 2.5142,
1.6445

■ 61.4570, 72.0289,
67.0182

■ 0.4533, 0.8837,
0.3223

■ 81.7308, 94.8726,
89.5285

■ 0.0000, 0.0000,
0.0000

106.0347,
122.0977, 116.5873

134.7342,

154.0886, 148.6131

168.1945,
191.2297, 186.0244

■ 13.3564, 16.7807,
14.0903

■ 13.3564, 16.7807,
14.0903

■ 11.8455, 16.0500,
11.8641

■ 15.1114, 17.6323,
16.5937

■ 10.5664, 15.4326,
9.9046

■ 17.1193, 18.6078,
19.3822

■ 9.5077, 14.9235,
8.2018

■ 19.3902, 19.7126,
22.4650

■ 8.6567, 14.5161,
6.7453

■ 21.9334, 20.9514,
25.8502

■ 7.9990, 14.2034,
5.5235

■ 24.7573, 22.3283,
29.5458

■ 7.5187, 13.9774,
4.5240

■ 27.8705, 23.8476,
33.5594

■ 7.1919, 13.8261,
3.7330

■ 31.2807, 25.5131,
37.8986

■ 7.0500, 13.7603,
3.3976

■ 34.9957, 27.3287,
42.5703

■ 39.0228, 29.2980,
47.5815

Harmonies

Analogous

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



14.4157, 16.7807, 11.4746



13.3564, 16.7807, 14.0903



12.9816, 16.7807, 18.2677

Triad

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



13.3564, 16.7807, 14.0903



15.9483, 16.7807, 28.9514



18.8598, 16.7807, 14.0957

Complementary

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



13.3564, 16.7807, 14.0903



14.6641, 12.7625, 17.6110

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.



19.3385, 16.7807, 18.2750



13.3564, 16.7807, 14.0903



17.5885, 16.7807, 27.3300

Square

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



13.3564, 16.7807, 14.0903



14.4137, 16.7807, 27.3252



18.8583, 16.7807, 23.2070



17.5908, 16.7807, 11.4773

Rectangle

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



13.3564, 16.7807, 14.0903



13.1488, 16.7807, 21.5559



18.8583, 16.7807, 23.2070



19.1222, 16.7807, 15.3386

Sweetspot

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



13.3569, 16.7814, 14.0907



29.7565, 32.8836, 33.4707



15.7310, 18.0419, 12.5512



6.7694, 7.5021, 7.6055



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.3569, 16.7814, 14.0907



22.2545, 29.2446, 22.7985



14.1049, 17.0806, 18.0297



3.9857, 4.4639, 4.4584



7.5509, 14.7440, 3.6202



35.7387, 70.2185, 15.7938

Inverse Universe

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



14.6641, 12.7625, 17.6110



25.0379, 20.6839, 30.2906



13.9029, 12.4580, 13.6024



4.1164, 4.0623, 4.8106



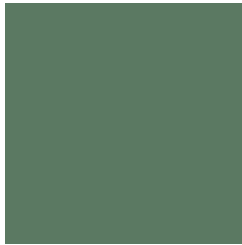
10.5522, 5.1970, 11.4647



49.9954, 24.6545, 52.8991

Previews

White Background



This preview shows how the XYZ color 13.3564, 16.7807, 14.0903 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 13.3564, 16.7807, 14.0903 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 13.3564, 16.7807, 14.0903

Background



This preview shows how black text looks on a background with the XYZ color 13.3564, 16.7807, 14.0903.



This preview shows how white text looks on a background with the XYZ color 13.3564, 16.7807,

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

13.3564, 16.7807, 14.0903

Protanopia

15.6712, 16.6115, 12.9700

Deuteranopia

16.8221, 16.5245, 14.3595



Tritanopia

14.9511, 16.7157, 22.1771

Trichromacy



Original Color

13.3564, 16.7807, 14.0903

Protanomaly

14.6176, 16.5682, 13.2540

Deuteranomaly

15.2275, 16.3559, 14.1588

Tritanomaly

14.2469, 16.5975, 18.9757

Monochromacy



Original Color

13.3564, 16.7807, 14.0903

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.9344, 15.6550, 15.6519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3564, 16.7807, 14.0903 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(91, 121, 98) looks like.

```
.text, #text, p{  
    color:rgb(91, 121, 98)  
}
```

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(91, 121, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 121, 98) }
```

Border

The CSS property to change the border of an element to XYZ 13.3564, 16.7807, 14.0903 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(91, 121, 98) }
```


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

```
.border{ border-color:rgb(91, 121, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 121, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 121, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 121, 98);  
box-shadow:4px 4px 4px 4px rgb(91, 121,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3564, 16.7807, 14.0903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 121, 98) }
```

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

```
.background{ background-color: rgb(91, 121,  
98) }
```

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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