

Converting Colors

XYZ(13.4030, 16.1406, 14.3909)

Have a look what the booklet for
XYZ(13.4030, 16.1406, 14.3909)
contains.

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Color

**XYZ(13.3809, 16.0756,
14.4542)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7564
RGB	95, 117, 100
RGB Percent	37%, 46%, 39%
CMY	0.6274, 0.5412, 0.6078
CMYK	0.19, 0.00, 0.15, 0.54
HSL	134°, 10%, 42%
HSV	134°, 19%, 46%
XYZ	13.3809, 16.0756, 14.4542
YIQ	108.4840, -7.6550, -9.9510

Conversions

Conversions Part 2

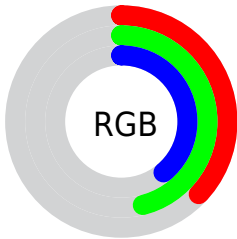
Format	Color
R _Y B	95, 113, 117
Decimal	6255972
CIE Lab	47.07, -11.76, 6.72
CIE LCh	47, 13.547, 150.250
Yxy	16.0756, 0.3047, 0.3661
Android (android.graphics.Color)	4284446052 (0xFF5F7564)
YUV	108.4840, -4.1826, -11.8255
Hunter-Lab	40.0944, -10.5935, 6.6918

Details

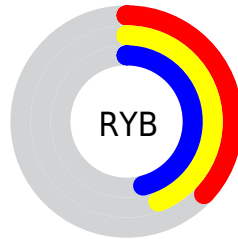
The XYZ color **13.3809, 16.0756, 14.4542** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3536, 13.1367, 17.1093**, and the grayscale version is **14.4033, 15.1534, 16.5020**.

A 20% lighter version of the original color is **31.6279, 36.7213, 34.6991**, and **3.9896, 5.1417, 4.1503** is the 20% darker color. If you saturate the color by 10%, you get **11.8421, 15.3305, 12.2233**, and if you desaturate by 10%, it is **15.1518, 16.9356, 16.9503**.

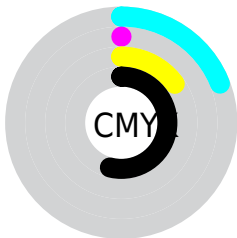
Distribution



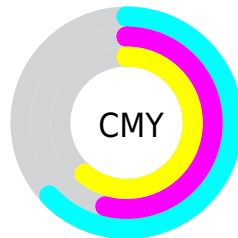
- Red (37%)
- Green (46%)
- Blue (39%)



- Red (37%)
- Yellow (44%)
- Blue (46%)



- Cyan (19%)
- Magenta (0%)
- Yellow (15%)
- Black (54%)



- Cyan (63%)
- Magenta (54%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3809, 16.0756, 14.4542 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 13.3809, 16.0756, 14.4542 by changing the saturation by 10% instead.

■ 13.3809, 16.0756,
14.4542

■ 13.3809, 16.0756,
14.4542

206.9332,
229.7874, 231.5643

■ 7.7702, 9.5777,
8.2949

■ 31.5819, 36.7294,
34.6214

■ 3.9988, 5.1198,
4.1938

■ 44.9029, 51.6541,
49.4665

■ 1.7015, 2.3178,
1.7322

■ 61.5247, 70.1564,
68.0438

■ 0.4572, 0.7831,
0.3827

■ 81.8127, 92.6208,
90.7720

■ 0.0000, 0.0000,
0.0000

106.1322,
119.4318, 118.0696

134.8485,

150.9736, 150.3552

168.3271,
187.6307, 188.0472

■ 13.3809, 16.0756,
14.4542

■ 13.3809, 16.0756,
14.4542

■ 11.8421, 15.3305,
12.2233

■ 15.1518, 16.9356,
16.9503

■ 10.5243, 14.6936,
10.2477

■ 17.1625, 17.9129,
19.7187

■ 9.4176, 14.1602,
8.5186

■ 19.4221, 19.0127,
22.7677

■ 8.5107, 13.7247,
7.0264

■ 21.9389, 20.2388,
26.1050

■ 7.7914, 13.3812,
5.7607

■ 24.7205, 21.5953,
29.7378

■ 7.2458, 13.1226,
4.7102

■ 27.7745, 23.0857,
33.6733

■ 6.8584, 12.9413,
3.8629

■ 31.1080, 24.7138,
37.9181

■ 6.5848, 12.8145,
3.2043

■ 34.7281, 26.4827,
42.4790

■ 6.5547, 12.8004,
3.1373

■ 38.6412, 28.3960,
47.3623

Harmonies

Analogous

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



14.1574, 16.0756, 12.4392



13.3809, 16.0756, 14.4542



13.1073, 16.0756, 17.5322

Triad

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



13.3809, 16.0756, 14.4542



15.2894, 16.0756, 24.8936



17.3386, 16.0756, 14.4107

Complementary

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



13.3809, 16.0756, 14.4542



14.3536, 13.1367, 17.1093

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.



17.6791, 16.0756, 17.4750



13.3809, 16.0756, 14.4542



16.4592, 16.0756, 23.7841

Square

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



13.3809, 16.0756, 14.4542



14.1738, 16.0756, 23.8192



17.3494, 16.0756, 20.9543



16.4410, 16.0756, 12.4164

Rectangle

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



13.3809, 16.0756, 14.4542



13.2351, 16.0756, 19.8667



17.3494, 16.0756, 20.9543



17.5240, 16.0756, 15.3357

Sweetspot

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



13.3813, 16.0763, 14.4546



28.0424, 30.7680, 31.6166



15.1393, 17.0097, 13.3121



6.4097, 7.0557, 7.2170



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.3813, 16.0763, 14.4546



22.5901, 28.1221, 23.9107



13.9376, 16.2988, 17.3837



3.6716, 4.1106, 4.1045



7.2161, 14.1005, 3.4283



34.8877, 68.6024, 15.2458

Inverse Universe

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



14.3536, 13.1367, 17.1093



24.7041, 21.7289, 29.6816



13.7893, 12.9109, 14.1377



3.7927, 3.7444, 4.4354



10.1296, 4.9856, 11.1566



49.0269, 24.1609, 52.5982

Previews

White Background



This preview shows how the XYZ color 13.3809, 16.0756, 14.4542 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 13.3809, 16.0756, 14.4542 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 13.3809, 16.0756, 14.4542

Background



This preview shows how black text looks on a background with the XYZ color 13.3809, 16.0756, 14.4542.

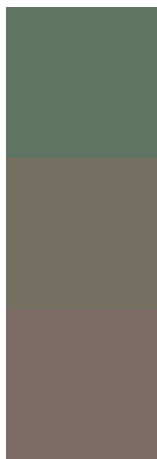


This preview shows how white text looks on a background with the XYZ color 13.3809, 16.0756,

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

13.3809, 16.0756, 14.4542

Protanopia

15.1782, 16.0139, 13.6003

Deuteranopia

16.2602, 15.9103, 14.7844



Tritanopia

14.7381, 16.1173, 21.0731

Trichromacy



Original Color

13.3809, 16.0756, 14.4542

Protanomaly

14.4164, 15.9433, 13.8728

Deuteranomaly

15.1036, 15.9533, 14.5952

Tritanomaly

14.2622, 16.0959, 18.5748

Monochromacy



Original Color

13.3809, 16.0756, 14.4542

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.8278, 15.2724, 15.5837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3809, 16.0756, 14.4542 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(95, 117, 100) looks like.

```
.text, #text, p{  
    color:rgb(95, 117, 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(95, 117, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 117, 100) }
```

Border

The CSS property to change the border of an element to XYZ 13.3809, 16.0756, 14.4542 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(95, 117, 100) }
```


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

```
.border{ border-color:rgb(95, 117, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 117, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 117, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 117, 100);  
box-shadow:4px 4px 4px 4px rgb(95, 117,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3809, 16.0756, 14.4542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 117, 100) }
```

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

```
.background{ background-color: rgb(95, 117,  
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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