

Converting Colors

XYZ(13.9391, 15.6354, 18.7401)

Have a look what the booklet for
XYZ(13.9391, 15.6354, 18.7401)
contains.

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Color

**XYZ(13.8814, 15.5580,
18.7944)**

Conversions

Conversions Part 1

Format	Color
Hex	607174
RGB	96, 113, 116
RGB Percent	38%, 44%, 45%
CMY	0.6235, 0.5569, 0.5451
CMYK	0.17, 0.03, 0.00, 0.55
HSL	189°, 9%, 42%
HSV	189°, 17%, 45%
XYZ	13.8814, 15.5580, 18.7944
YIQ	108.2590, -11.0950, -2.6710

Conversions

Conversions Part 2

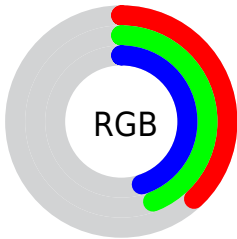
Format	Color
R_{YB}	96, 105, 116
Decimal	6320500
CIE _{Lab}	46.39, -5.61, -3.79
CIE _{LCh}	46, 6.769, 214.050
Yxy	15.5580, 0.2878, 0.3226
Android (android.graphics.Color)	4284510580 (0xFF607174)
YUV	108.2590, 3.8163, -10.7511
Hunter-Lab	39.4436, -6.2068, -0.6404

Details

The XYZ color **13.8814, 15.5580, 18.7944** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.7758, 13.4813, 12.9427**, and the grayscale version is **14.3188, 15.0645, 16.4052**.

A 20% lighter version of the original color is **32.5556, 35.9405, 42.2671**, and **4.2003, 4.8509, 6.1838** is the 20% darker color. If you saturate the color by 10%, you get **12.5578, 14.5908, 18.6777**, and if you desaturate by 10%, it is **15.3897, 16.6268, 18.9215**.

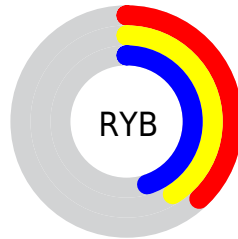
Distribution



Red (38%)

Green (44%)

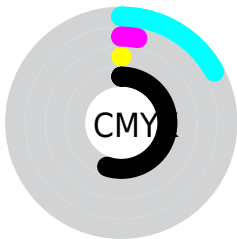
Blue (45%)



Red (38%)

Yellow (41%)

Blue (45%)

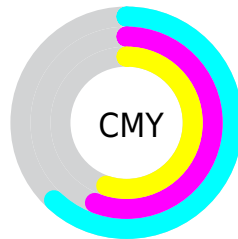


Cyan (17%)

Magenta (3%)

Yellow (0%)

Black (55%)



Cyan (62%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8814, 15.5580, 18.7944 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 13.8814, 15.5580, 18.7944 by changing the saturation by 10% instead.

■ 13.8814, 15.5580,
18.7944

■ 13.8814, 15.5580,
18.7944

210.0172,
226.7192, 257.6962

■ 8.1194, 9.2119,
11.3465

■ 32.4665, 35.8291,
42.2185

■ 4.2239, 4.8797,
6.1833

■ 46.0202, 50.5230,
59.0317

■ 1.8296, 2.1768,
2.8863

■ 62.9019, 68.7683,
79.8038

■ 0.5354, 0.7073,
1.0369

■ 83.4769, 90.9493,
104.9533

■ 0.0000, 0.0000,
0.0000

108.1106,
117.4506, 134.8988

137.1683,

148.6563, 170.0587

171.0154,
184.9511, 210.8516

■ 13.8814, 15.5580,
18.7944

■ 13.8814, 15.5580,
18.7944

■ 12.5578, 14.5908,
18.6777

■ 15.3897, 16.6268,
18.9215

■ 11.4098, 13.7191,
18.5700

■ 17.0888, 17.7991,
19.0582

■ 10.4292, 12.9393,
18.4711

■ 18.9862, 19.0792,
19.2053

■ 9.6070, 12.2465,
18.3807

■ 21.0884, 20.4705,
19.3630

■ 8.9330, 11.6355,
18.2983

■ 23.4018, 21.9763,
19.5317

8.3961, 11.1005,
18.2234

25.9324, 23.5997,
19.7117

7.9832, 10.6349,
18.1553

28.6860, 25.3439,
19.9032

7.6628, 10.2222,
18.0925

31.6682, 27.2115,
20.1065

7.5773, 10.1108,
18.0755

34.8843, 29.2056,
20.3219

Harmonies

Analogous

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



13.7013, 15.5580, 17.1669



13.8814, 15.5580, 18.7944



14.3042, 15.5580, 19.9813

Triad

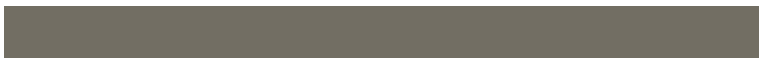
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.8814, 15.5580, 18.7944



15.8143, 15.5580, 18.3783



14.7087, 15.5580, 13.9461

Complementary

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



13.8814, 15.5580, 18.7944



13.7758, 13.4813, 12.9427

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.



15.2814, 15.5580, 14.2242



13.8814, 15.5580, 18.7944



15.9294, 15.5580, 16.7152

Square

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



13.8814, 15.5580, 18.7944



15.4215, 15.5580, 19.7302



15.7320, 15.5580, 15.2118



14.1710, 15.5580, 14.4261

Rectangle

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



13.8814, 15.5580, 18.7944



14.6720, 15.5580, 20.3239



15.7320, 15.5580, 15.2118



14.9035, 15.5580, 13.9543

Sweetspot

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



13.8819, 15.5586, 18.7947



27.6550, 29.6467, 33.3093



13.3058, 15.8724, 14.0837



6.5592, 7.0460, 7.9433



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.



13.8819, 15.5586, 18.7947



23.3640, 26.5977, 32.9470



12.8600, 13.5150, 18.4541



3.7388, 4.0663, 4.6780



8.4929, 11.3255, 20.2810



40.8914, 54.1995, 98.6666

Inverse Universe

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



14.3664, 13.2714, 17.4279



24.4063, 21.7525, 29.9895



14.7472, 15.4241, 13.2666



3.8042, 3.7490, 4.4956



10.5840, 5.1673, 13.5492



51.3269, 25.0809, 64.7098

Previews

White Background



This preview shows how the XYZ color 13.8814, 15.5580, 18.7944 looks on a white background.

Color Contrast Check

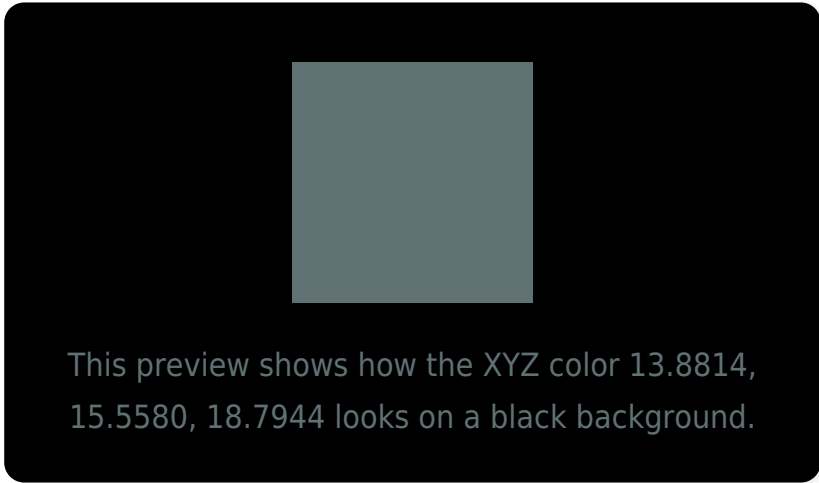
Large Text (above 18pt) WCAG AA ✓ Pass

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

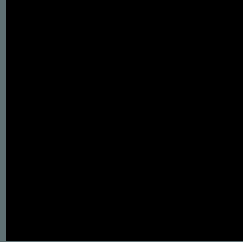
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.8814, 15.5580, 18.7944

Background



This preview shows how black text looks on a background with the XYZ color 13.8814, 15.5580, 18.7944.



This preview shows how white text looks on a background with the XYZ color 13.8814, 15.5580,

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

13.8814, 15.5580, 18.7944

Protanopia

14.9363, 15.4672, 18.1178

Deuteranopia

15.8047, 15.5817, 19.0042



Tritanopia

14.1751, 15.5102, 20.3358

Trichromacy



Original Color

13.8814, 15.5580, 18.7944

Protanomaly

14.4961, 15.3929, 18.4268

Deuteranomaly

14.9862, 15.4728, 19.0263

Tritanomaly

14.0537, 15.4616, 19.6964

Monochromacy



Original Color

13.8814, 15.5580, 18.7944

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.1541, 15.2426, 17.2350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8814, 15.5580, 18.7944 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(96, 113, 116) looks like.

```
.text, #text, p{  
    color:rgb(96, 113, 116)  
}
```

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(96, 113, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 113, 116) }
```

Border

The CSS property to change the border of an element to XYZ 13.8814, 15.5580, 18.7944 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(96, 113, 116) }
```


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

```
.border{ border-color:rgb(96, 113, 116) }
```

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

Here you see how a box with a 4 pixel rgb(96, 113, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 113, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 113, 116);  
box-shadow:4px 4px 4px 4px rgb(96, 113,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8814, 15.5580, 18.7944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 113, 116) }
```

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

```
.background{ background-color: rgb(96, 113,  
116) }
```

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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