

Converting Colors

XYZ(14.4871, 14.9097, 19.0273)

Have a look what the booklet for
XYZ(14.4871, 14.9097, 19.0273)
contains.

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Color

**XYZ(14.4124, 14.8639,
18.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6B75
RGB	106, 107, 117
RGB Percent	42%, 42%, 46%
CMY	0.5843, 0.5804, 0.5412
CMYK	0.09, 0.09, 0.00, 0.54
HSL	235°, 5%, 44%
HSV	235°, 9%, 46%
XYZ	14.4124, 14.8639, 18.9390
YIQ	107.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

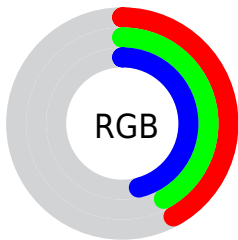
Format	Color
R_{YB}	106, 107, 117
Decimal	6974325
CIE Lab	45.45, 1.77, -5.70
CIE LCh	45, 5.967, 287.230
Yxy	14.8639, 0.2989, 0.3083
Android (android.graphics.Color)	4285164405 (0xFF6A6B75)
YUV	107.8410, 4.5154, -1.6146
Hunter-Lab	38.5537, -0.7410, -2.1378

Details

The XYZ color **14.4124, 14.8639, 18.9390** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1830, 17.3131, 16.1247**, and the grayscale version is **14.1982, 14.9376, 16.2670**.

A 20% lighter version of the original color is **33.2929, 34.4864, 42.4379**, and **4.4937, 4.5912, 6.2796** is the 20% darker color. If you saturate the color by 10%, you get **12.0745, 12.1131, 18.5315**, and if you desaturate by 10%, it is **17.0773, 17.9865, 19.4015**.

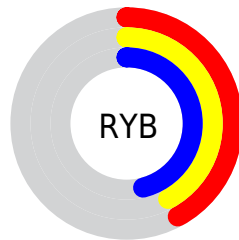
Distribution



Red (42%)

Green (42%)

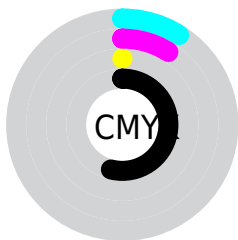
Blue (46%)



Red (42%)

Yellow (42%)

Blue (46%)

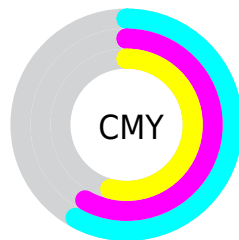


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (54%)



Cyan (58%)

Magenta (58%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4124, 14.8639, 18.9390 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 14.4124, 14.8639, 18.9390 by changing the saturation by 10% instead.

■ 14.4124, 14.8639,
18.9390

■ 14.4124, 14.8639,
18.9390

213.2412,
222.5410, 258.5233

■ 8.4917, 8.7239,
11.4498

■ 33.3992, 34.6142,
42.4663

■ 4.4656, 4.5615,
6.2523

■ 47.1960, 48.9934,
59.3416

■ 1.9687, 1.9924,
2.9278

■ 64.3488, 66.8877,
80.1826

■ 0.6163, 0.6030,
1.0579

■ 85.2230, 88.6817,
105.4079

■ 0.0000, 0.0000,
0.0000

110.1840,
114.7595, 135.4361

139.5971,

145.5058, 170.6857

173.8277,
181.3048, 211.5753

■ 14.4124, 14.8639,
18.9390

■ 14.4124, 14.8639,
18.9390

■ 12.0745, 12.1131,
18.5315

■ 17.0773, 17.9865,
19.4015

■ 10.0496, 9.7184,
18.1760

■ 20.0798, 21.4922,
19.9199

■ 8.3250, 7.6659,
17.8707

■ 23.4316, 25.3939,
20.4964

■ 6.8862, 5.9398,
17.6134

■ 27.1434, 29.7035,
21.1326

■ 5.7177, 4.5233,
17.4016

■ 31.2255, 34.4324,
21.8302

■ 4.8026, 3.3979,
17.2326

■ 35.6877, 39.5916,
22.5908

■ 4.1218, 2.5434,
17.1035

■ 40.5398, 45.1915,
23.4160

■ 3.6537, 1.9365,
17.0110

■ 45.7906, 51.2422,
24.3071

■ 3.3428, 1.5350,
16.9499

■ 51.4493, 57.7537,
25.2657

Harmonies

Analogous

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



13.9177, 14.8639, 19.0002



14.4124, 14.8639, 18.9390



14.8402, 14.8639, 18.1130

Triad

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



14.4124, 14.8639, 18.9390



14.7860, 14.8639, 14.2588



13.2168, 14.8639, 15.5873

Complementary

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



14.4124, 14.8639, 18.9390



16.1830, 17.3131, 16.1247

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.



13.4383, 14.8639, 14.3975



14.4124, 14.8639, 18.9390



14.3398, 14.8639, 13.6612

Square

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



14.4124, 14.8639, 18.9390



15.0594, 14.8639, 15.3877



13.8468, 14.8639, 13.7105



13.2352, 14.8639, 17.0078

Rectangle

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



14.4124, 14.8639, 18.9390



15.0265, 14.8639, 17.2658



13.8468, 14.8639, 13.7105



13.2655, 14.8639, 15.1488

Sweetspot

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



14.4128, 14.8645, 18.9393



28.7571, 30.0746, 34.4263



15.4519, 17.0456, 18.9684



6.5331, 6.8226, 7.9015



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.



14.4128, 14.8645, 18.9393



24.9767, 25.6402, 33.7696



14.8454, 14.9333, 18.9298



3.5250, 3.6386, 4.6068



3.6591, 1.6579, 18.6697



17.5413, 7.4992, 90.8833

Inverse Universe

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



15.1443, 15.1518, 16.0370



26.5310, 26.2549, 27.6015



15.7217, 17.2476, 16.1364



3.6963, 3.7058, 3.9273



8.1441, 4.1913, 0.7009



39.5408, 20.3664, 2.6453

Previews

White Background



This preview shows how the XYZ color 14.4124, 14.8639, 18.9390 looks on a white background.

Color Contrast Check

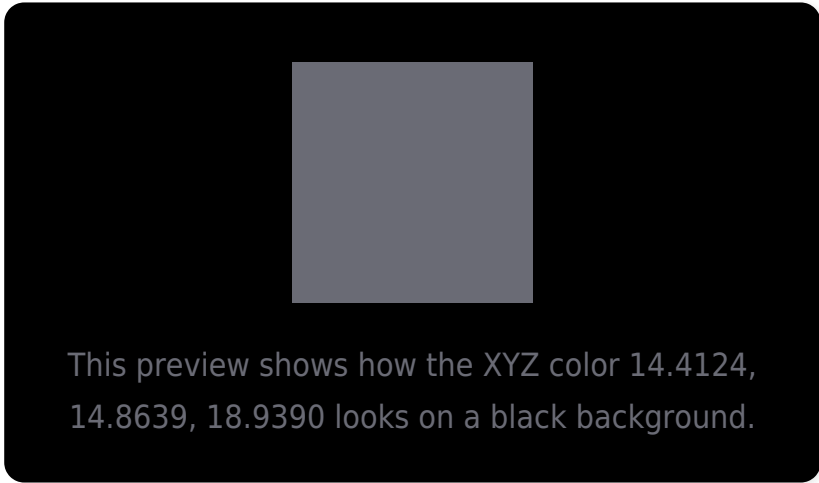
Large Text (above 18pt) WCAG AA ✓ Pass

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

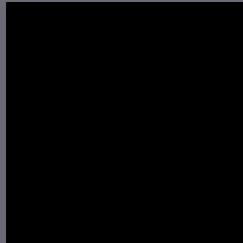
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

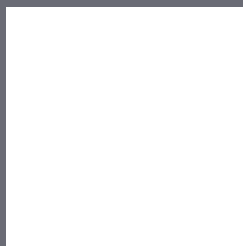
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4124, 14.8639, 18.9390

Background



This preview shows how black text looks on a background with the XYZ color 14.4124, 14.8639, 18.9390.



This preview shows how white text looks on a background with the XYZ color 14.4124, 14.8639,

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

14.4124, 14.8639, 18.9390

Protanopia

14.5320, 14.9255, 18.9446

Deuteranopia

15.0725, 14.8982, 18.9109



Tritanopia

14.3539, 14.8405, 18.6310

Trichromacy



Original Color

14.4124, 14.8639, 18.9390

Protanomaly

14.5320, 14.9255, 18.9446

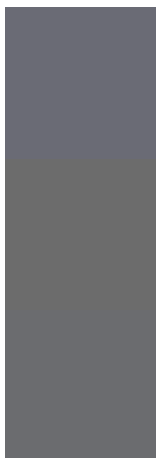
Deuteranomaly

14.7953, 14.9074, 18.9272

Tritanomaly

14.3539, 14.8405, 18.6310

Monochromacy



Original Color

14.4124, 14.8639, 18.9390

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2952, 14.9986, 17.1805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4124, 14.8639, 18.9390 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(106, 107, 117)` looks like.

```
.text, #text, p{  
    color:rgb(106, 107, 117)  
}
```

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(106, 107, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 107, 117) }
```

Border

The CSS property to change the border of an element to XYZ 14.4124, 14.8639, 18.9390 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(106, 107, 117) }
```


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

```
.border{ border-color:rgb(106, 107, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 107, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 107, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 107, 117);  
box-shadow:4px 4px 4px 4px rgb(106, 107,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4124, 14.8639, 18.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 107, 117) }
```

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

```
.background{ background-color: rgb(106,  
107, 117) }
```

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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