

Converting Colors

XYZ(14.9430, 13.5486, 18.3506)

Have a look what the booklet for
XYZ(14.9430, 13.5486, 18.3506)
contains.

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Color

**XYZ(14.9430, 13.5486,
18.3506)**

Conversions

Conversions Part 1

Format	Color
Hex	776074
RGB	119, 96, 116
RGB Percent	47%, 38%, 45%
CMY	0.5333, 0.6235, 0.5451
CMYK	0.00, 0.19, 0.03, 0.53
HSL	308°, 11%, 42%
HSV	308°, 19%, 47%
XYZ	14.9430, 13.5486, 18.3506
YIQ	105.1570, 7.2880, 11.0960

Conversions

Conversions Part 2

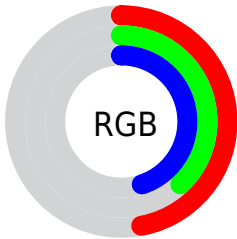
Format	Color
R_{YB}	119, 96, 116
Decimal	7823476
CIE Lab	43.58, 13.05, -7.75
CIE LCh	44, 15.183, 329.297
Yxy	13.5486, 0.3190, 0.2892
Android (android.graphics.Color)	4286013556 (0xFF776074)
YUV	105.1570, 5.3456, 12.1403
Hunter-Lab	36.8084, 8.0503, -3.7927

Details

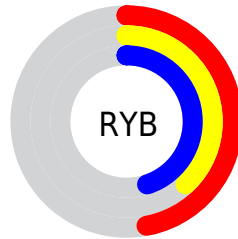
The XYZ color **14.9430, 13.5486, 18.3506** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6733, 16.5817, 14.2850**, and the grayscale version is **13.4547, 14.1554, 15.4152**.

A 20% lighter version of the original color is **34.2962, 32.3525, 41.4828**, and **4.7098, 4.0007, 5.9928** is the 20% darker color. If you saturate the color by 10%, you get **13.8490, 11.5037, 17.5443**, and if you desaturate by 10%, it is **16.2037, 15.9240, 19.2202**.

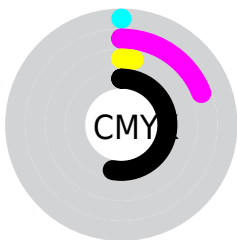
Distribution



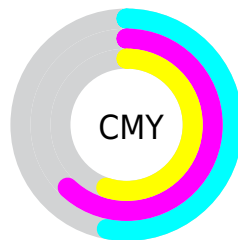
- Red (47%)
- Green (38%)
- Blue (45%)



- Red (47%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (19%)
- Yellow (3%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9430, 13.5486, 18.3506 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 14.9430, 13.5486, 18.3506 by changing the saturation by 10% instead.

■ 14.9430, 13.5486,
18.3506

■ 14.9430, 13.5486,
18.3506

216.4162,
214.4043, 255.1420

■ 8.8654, 7.8074,
11.0300

■ 34.3256, 32.2859,
41.4558

■ 4.7099, 3.9719,
5.9726

■ 48.3614, 46.0508,
58.0775

■ 2.1111, 1.6579,
2.7599

■ 65.7807, 63.2590,
78.6365

■ 0.6952, 0.3962,
0.9734

■ 86.9487, 84.2950,
103.5515

■ 0.0000, 0.0000,
0.0000

112.2309,
109.5431, 133.2411

141.9927,

139.3878, 168.1236

176.5993,
174.2134, 208.6177

■ 14.9430, 13.5486,
18.3506

■ 14.9430, 13.5486,
18.3506

■ 13.8490, 11.5037,
17.5443

■ 16.2037, 15.9240,
19.2202

■ 12.9131, 9.7729,
16.7979

■ 17.6367, 18.6420,
20.1547

■ 12.1278, 8.3408,
16.1091

■ 19.2491, 21.7161,
21.1564

■ 11.4845, 7.1902,
15.4750

■ 21.0470, 25.1588,
22.2275

■ 10.9736, 6.3022,
14.8923

■ 23.0362, 28.9817,
23.3700

■ 10.5844, 5.6553,
14.3574

■ 25.2224, 33.1961,
24.5857

■ 10.3047, 5.2250,
13.8663

■ 27.6109, 37.8127,
25.8766

■ 10.0941, 4.9304,
13.4054

■ 30.2070, 42.8419,
27.2443

■ 10.0801, 4.9109,
13.3746

■ 33.0156, 48.2937,
28.6906

Harmonies

Analogous

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



14.0279, 13.5486, 21.2240



14.9430, 13.5486, 18.3506



15.2992, 13.5486, 14.8326

Triad

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



14.9430, 13.5486, 18.3506



12.9056, 13.5486, 9.1302



10.9865, 13.5486, 18.1902

Complementary

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



14.9430, 13.5486, 18.3506



13.6733, 16.5817, 14.2850

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.



10.7260, 13.5486, 14.6720



14.9430, 13.5486, 18.3506



11.7919, 13.5486, 9.7511

Square

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



14.9430, 13.5486, 18.3506



14.0794, 13.5486, 9.8121



11.0118, 13.5486, 11.6578



11.7461, 13.5486, 21.1218

Rectangle

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



14.9430, 13.5486, 18.3506



15.1559, 13.5486, 12.6943



11.0118, 13.5486, 11.6578



10.8398, 13.5486, 17.0211

Sweetspot

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



14.9434, 13.5492, 18.3509



29.7962, 29.9920, 34.9359



12.6243, 12.3331, 19.1682



7.0322, 7.0524, 8.2602



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.



14.9434, 13.5492, 18.3509



25.8891, 22.6322, 32.2324



14.3315, 13.3044, 15.1284



3.8071, 3.7501, 4.5108



10.7069, 5.2165, 14.1967



51.9522, 25.3310, 68.0026

Inverse Universe

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



14.9434, 13.5492, 18.3509



25.8891, 22.6322, 32.2324



14.2456, 16.8106, 17.2986



3.8071, 3.7501, 4.5108



10.7069, 5.2165, 14.1967



51.9522, 25.3310, 68.0026

Previews

White Background



This preview shows how the XYZ color 14.9430, 13.5486, 18.3506 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 14.9430, 13.5486, 18.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

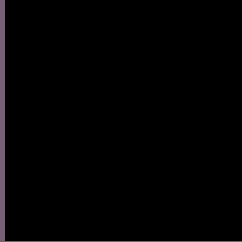
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9430, 13.5486, 18.3506

Background



This preview shows how black text looks on a background with the XYZ color 14.9430, 13.5486, 18.3506.



This preview shows how white text looks on a background with the XYZ color 14.9430, 13.5486,

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

14.9430, 13.5486, 18.3506

Protanopia

13.3971, 13.5681, 19.6821

Deuteranopia

13.8360, 13.5403, 18.1040



Tritanopia

14.3887, 13.6068, 15.2326

Trichromacy



Original Color

14.9430, 13.5486, 18.3506

Protanomaly

13.9503, 13.5721, 19.3372

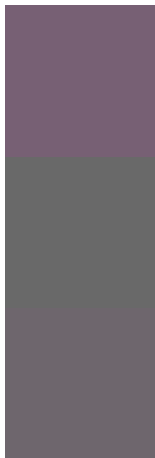
Deuteranomaly

14.2384, 13.6062, 18.0955

Tritanomaly

14.5062, 13.5051, 16.3102

Monochromacy



Original Color

14.9430, 13.5486, 18.3506

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.9421, 13.9219, 16.4204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9430, 13.5486, 18.3506 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(119, 96, 116)` looks like.

```
.text, #text, p{  
    color:rgb(119, 96, 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(119, 96, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 96, 116) }
```

Border

The CSS property to change the border of an element to XYZ 14.9430, 13.5486, 18.3506 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(119, 96, 116) }
```


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

```
.border{ border-color:rgb(119, 96, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 96, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 96, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 96, 116);  
box-shadow:4px 4px 4px 4px rgb(119, 96,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9430, 13.5486, 18.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 96, 116) }
```

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

```
.background{ background-color: rgb(119, 96,  
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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