

Converting Colors

XYZ(14.4845, 13.3558, 16.0928)

Have a look what the booklet for
XYZ(14.4845, 13.3558, 16.0928)
contains.

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Color

**XYZ(14.4974, 13.3704,
16.0040)**

Conversions

Conversions Part 1

Format	Color
Hex	77606C
RGB	119, 96, 108
RGB Percent	47%, 38%, 42%
CMY	0.5333, 0.6235, 0.5765
CMYK	0.00, 0.19, 0.09, 0.53
HSL	329°, 11%, 42%
HSV	329°, 19%, 47%
XYZ	14.4974, 13.3704, 16.0040
YIQ	104.2450, 9.8560, 8.6080

Conversions

Conversions Part 2

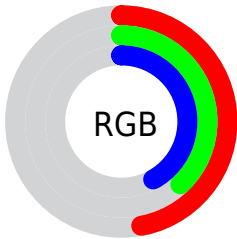
Format	Color
R_{YB}	119, 96, 108
Decimal	7823468
CIE _{Lab}	43.32, 11.48, -3.28
CIE _{LCh}	43, 11.936, 344.052
Yxy	13.3704, 0.3304, 0.3048
Android (android.graphics.Color)	4286013548 (0xFF77606C)
YUV	104.2450, 1.8512, 12.9401
Hunter-Lab	36.5656, 6.7814, -0.3541

Details

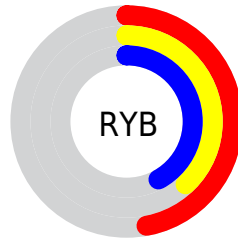
The XYZ color **14.4974, 13.3704, 16.0040** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0751, 16.7424, 16.4005**, and the grayscale version is **13.2174, 13.9057, 15.1434**.

A 20% lighter version of the original color is **33.4863, 32.0286, 37.2181**, and **4.5087, 3.9202, 4.9339** is the 20% darker color. If you saturate the color by 10%, you get **13.1998, 11.2441, 14.1254**, and if you desaturate by 10%, it is **15.9800, 15.8346, 18.0421**.

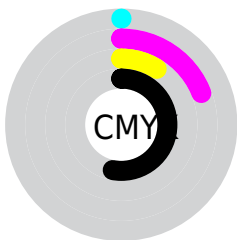
Distribution



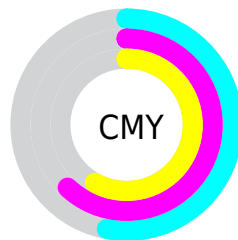
- Red (47%)
- Green (38%)
- Blue (42%)



- Red (47%)
- Yellow (38%)
- Blue (42%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4974, 13.3704, 16.0040 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 14.4974, 13.3704, 16.0040 by changing the saturation by 10% instead.

■ 14.4974, 13.3704,
16.0040

■ 14.4974, 13.3704,
16.0040

213.7529,
213.2781, 241.2118

■ 8.5514, 7.6841,
9.3726

■ 33.5480, 31.9676,
37.3720

■ 4.5045, 3.8935,
4.8849

■ 47.3833, 45.6474,
52.9458

■ 1.9913, 1.6142,
2.1223

■ 64.5791, 62.7604,
72.3373

■ 0.6291, 0.3671,
0.6290

■ 85.5007, 83.6910,
95.9653

■ 0.0000, 0.0000,
0.0000

110.5136,
108.8237, 124.2482

139.9830,

138.5428, 157.6045

174.2743,
173.2328, 196.4529

■ 14.4974, 13.3704,
16.0040

■ 14.4974, 13.3704,
16.0040

■ 13.1998, 11.2441,
14.1254

■ 15.9800, 15.8346,
18.0421

■ 12.0782, 9.4389,
12.4011

■ 17.6536, 18.6488,
20.2432

■ 11.1247, 7.9396,
10.8267

■ 19.5255, 21.8267,
22.6115

■ 10.3303, 6.7286,
9.3972

■ 21.6021, 25.3809,
25.1509

■ 9.6851, 5.7868,
8.1073

■ 23.8898, 29.3232,
27.8652

■ 9.1780, 5.0928,
6.9512

■ 26.3945, 33.6650,
30.7579

■ 8.7962, 4.6216,
5.9225

■ 29.1218, 38.4171,
33.8326

■ 8.4989, 4.2923,
5.0052

■ 32.0772, 43.5901,
37.0926

■ 8.4796, 4.2707,
4.9466

■ 35.2660, 49.1939,
40.5413

Harmonies

Analogous

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



13.9863, 13.3704, 18.5373



14.4974, 13.3704, 16.0040



14.5140, 13.3704, 13.3552

Triad

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



14.4974, 13.3704, 16.0040



12.2809, 13.3704, 10.1522



11.4715, 13.3704, 18.3976

Complementary

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



14.4974, 13.3704, 16.0040



14.0751, 16.7424, 16.4005

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.



11.0587, 13.3704, 15.8311



14.4974, 13.3704, 16.0040



11.5104, 13.3704, 11.1934

Square

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



14.4974, 13.3704, 16.0040



13.2035, 13.3704, 10.1865



11.0726, 13.3704, 13.2020



12.2254, 13.3704, 20.0296

Rectangle

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



14.4974, 13.3704, 16.0040



14.2405, 13.3704, 11.8864



11.0726, 13.3704, 13.2020



11.2899, 13.3704, 17.6028

Sweetspot

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



14.4978, 13.3710, 16.0043



29.5286, 29.8850, 33.5268



13.5446, 12.8076, 19.2112



6.9638, 7.0251, 7.9002



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.



14.4978, 13.3710, 16.0043



24.9319, 22.2493, 27.1918



13.9379, 13.1470, 13.0560



3.7563, 3.7298, 4.2434



9.0041, 4.5354, 5.2297



43.4427, 21.9272, 23.1925

Inverse Universe

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



14.4978, 13.3710, 16.0043



24.9319, 22.2493, 27.1918



14.7050, 16.9943, 19.7177



3.7563, 3.7298, 4.2434



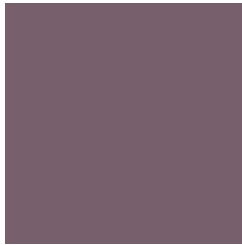
9.0041, 4.5354, 5.2297



43.4427, 21.9272, 23.1925

Previews

White Background



This preview shows how the XYZ color 14.4974, 13.3704, 16.0040 looks on a white background.

Color Contrast Check

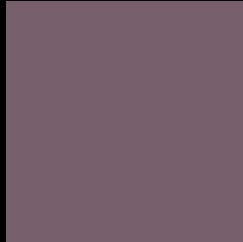
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4974, 13.3704, 16.0040 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 14.4974, 13.3704, 16.0040

Background



This preview shows how black text looks on a background with the XYZ color 14.4974, 13.3704, 16.0040.



This preview shows how white text looks on a background with the XYZ color 14.4974, 13.3704,

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

14.4974, 13.3704, 16.0040

Protanopia

13.1555, 13.4974, 17.2411

Deuteranopia

13.5461, 13.3002, 15.7632



Tritanopia

14.2446, 13.4004, 14.9325

Trichromacy



Original Color

14.4974, 13.3704, 16.0040

Protanomaly

13.6108, 13.4502, 16.9177

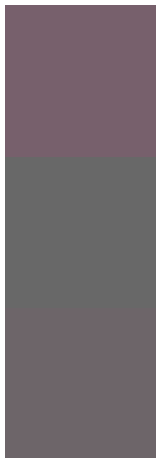
Deuteranomaly

13.8316, 13.3076, 15.7495

Tritanomaly

14.2957, 13.4209, 15.2016

Monochromacy



Original Color

14.4974, 13.3704, 16.0040

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.5102, 13.5785, 15.2735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4974, 13.3704, 16.0040 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(119, 96, 108)  
}
```

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, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 96, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.4974, 13.3704, 16.0040 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, 108) }
```


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

```
.border{ border-color:rgb(119, 96, 108) }
```

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, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 96, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 96, 108);  
box-shadow:4px 4px 4px 4px rgb(119, 96,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4974, 13.3704, 16.0040 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, 108) }
```

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

```
.background{ background-color: rgb(119, 96,  
108) }
```

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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