

Converting Colors

XYZ(10.7800, 14.5154, 17.0940)

Have a look what the booklet for
XYZ(10.7800, 14.5154, 17.0940)
contains.

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Color

**XYZ(10.7472, 14.4864,
16.9816)**

Conversions

Conversions Part 1

Format	Color
Hex	39746E
RGB	57, 116, 110
RGB Percent	22%, 45%, 43%
CMY	0.7765, 0.5451, 0.5686
CMYK	0.51, 0.00, 0.05, 0.55
HSL	174°, 34%, 34%
HSV	174°, 51%, 45%
XYZ	10.7472, 14.4864, 16.9816
YIQ	97.6750, -33.2380, -14.3740

Conversions

Conversions Part 2

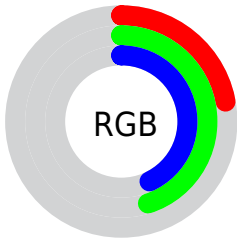
Format	Color
RYB	57, 88, 116
Decimal	3765358
CIELab	44.92, -20.82, -2.62
CIELCh	45, 20.980, 187.164
Yxy	14.4864, 0.2546, 0.3432
Android (android.graphics.Color)	4281955438 (0xFF39746E)
YUV	97.6750, 6.0762, -35.6720
Hunter-Lab	38.0610, -16.2041, 0.1894




Details

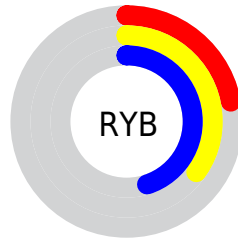
The XYZ color **10.7472, 14.4864, 16.9816** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.5633, 6.9986, 5.5499**, and the grayscale version is **11.5204, 12.1204, 13.1991**.




A 20% lighter version of the original color is **26.7423, 33.8297, 38.8385**, and **2.9044, 4.3732, 5.3937** is the 20% darker color. If you saturate the color by 10%, you get **10.0963, 14.1586, 16.6183**, and if you desaturate by 10%, it is **11.5510, 14.8936, 17.3572**.

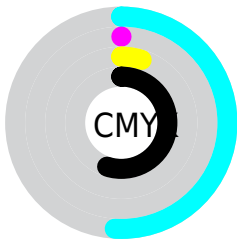
Distribution







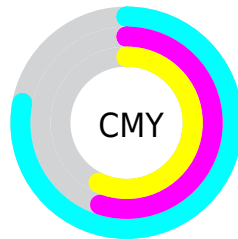
-  Red (22%)
-  Green (45%)
-  Blue (43%)






-  Red (22%)
-  Yellow (35%)
-  Blue (45%)



-  Cyan (51%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (55%)



-  Cyan (78%)
-  Magenta (55%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7472, 14.4864, 16.9816 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 10.7472, 14.4864, 16.9816 by changing the saturation by 10% instead.

10.7472, 14.4864,
16.9816

10.7472, 14.4864,
16.9816

189.8692,
220.2361, 247.1067

5.9631, 8.4597,
10.0596

26.8289, 33.9496,
39.0844

2.8631, 4.3905,
5.3323

38.8572, 48.1550,
55.1021

1.0818, 1.8943,
2.3814

54.0309, 65.8553,
74.9889

0.0098, 0.5450,
0.7763

72.7155, 87.4351,
99.1632

0.0000, 0.0000,
0.0000

95.2763, 113.2786,
128.0436

122.0786,

143.7704, 162.0487

153.4878,
179.2948, 201.5968

■ 10.7472, 14.4864,
16.9816

■ 10.7472, 14.4864,
16.9816

■ 10.0963, 14.1586,
16.6183

■ 11.5510, 14.8936,
17.3572

■ 9.5865, 13.9030,
16.2657

■ 12.5158, 15.3834,
17.7444

■ 9.2065, 13.7143,
15.9237

■ 13.6508, 15.9609,
18.1441

■ 8.9427, 13.5854,
15.5915

■ 14.9639, 16.6301,
18.5567

■ 8.7546, 13.4948,
15.2942

■ 16.4629, 17.3949,
18.9825

■ 18.1547, 18.2591,
19.4219

■ 20.0461, 19.2261,
19.8752

■ 22.1435, 20.2992,
20.3427

■ 24.4531, 21.4815,
20.8247

Harmonies

Analogous

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



10.9458, 14.4864, 12.3822



10.7472, 14.4864, 16.9816



11.3029, 14.4864, 22.1995

Triad

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



10.7472, 14.4864, 16.9816



15.8603, 14.4864, 24.5676



15.0898, 14.4864, 8.5677

Complementary

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



10.7472, 14.4864, 16.9816



9.5633, 6.9986, 5.5499

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.



16.5698, 14.4864, 10.7248



10.7472, 14.4864, 16.9816



17.0398, 14.4864, 19.7329

Square

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



10.7472, 14.4864, 16.9816



14.1846, 14.4864, 27.1320



17.3097, 14.4864, 14.6236



13.3614, 14.4864, 8.1313

Rectangle

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



10.7472, 14.4864, 16.9816



12.0558, 14.4864, 25.1219



17.3097, 14.4864, 14.6236



15.6370, 14.4864, 9.0901

Sweetspot

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



10.7476, 14.4870, 16.9819



25.2203, 28.6797, 32.2877



9.0911, 13.8728, 6.0698



5.9251, 6.7953, 7.6738



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.



10.7476, 14.4870, 16.9819



17.5791, 24.8030, 29.1053



8.7883, 10.0275, 17.9959



3.7680, 4.1492, 4.6124



9.8205, 15.1422, 17.1429



47.6746, 73.7171, 82.5805

Inverse Universe

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



9.5633, 6.9986, 5.5499



15.2517, 10.0390, 6.6043



10.7821, 9.6902, 5.1733



3.6977, 3.7064, 3.9349



8.1519, 4.1945, 0.7424



39.5685, 20.3775, 2.7913

Previews

White Background



This preview shows how the XYZ color 10.7472, 14.4864, 16.9816 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 10.7472, 14.4864, 16.9816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

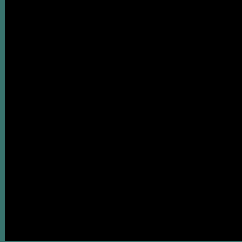
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.7472, 14.4864, 16.9816

Background



This preview shows how black text looks on a background with the XYZ color 10.7472, 14.4864, 16.9816.



This preview shows how white text looks on a background with the XYZ color 10.7472, 14.4864,

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

10.7472, 14.4864, 16.9816

Protanopia

13.7346, 14.2908, 15.1312

Deuteranopia

14.6409, 14.4035, 17.6313



Tritanopia

11.5169, 14.4568, 20.9223

Trichromacy



Original Color

10.7472, 14.4864, 16.9816

Protanomaly

12.1900, 14.1017, 15.7151

Deuteranomaly

12.8014, 14.2221, 17.3997

Tritanomaly

11.2642, 14.5301, 19.3504

Monochromacy



Original Color

10.7472, 14.4864, 16.9816

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.0171, 12.9015, 14.4799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7472, 14.4864, 16.9816 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(57, 116, 110)` looks like.

```
.text, #text, p{  
    color:rgb(57, 116, 110)  
}
```

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(57, 116, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 116, 110) }
```

Border

The CSS property to change the border of an element to XYZ 10.7472, 14.4864, 16.9816 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(57, 116, 110) }
```


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

```
.border{ border-color:rgb(57, 116, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 116, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 116, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 116, 110);  
box-shadow:4px 4px 4px 4px rgb(57, 116,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7472, 14.4864, 16.9816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 116, 110) }
```

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

```
.background{ background-color: rgb(57, 116,  
110) }
```

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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