

Converting Colors

XYZ(14.9776, 17.4383, 22.8265)

Have a look what the booklet for
XYZ(14.9776, 17.4383, 22.8265)
contains.

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Color

**XYZ(15.0480, 17.4574,
22.9986)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7980
RGB	91, 121, 128
RGB Percent	36%, 47%, 50%
CMY	0.6431, 0.5255, 0.4980
CMYK	0.29, 0.05, 0.00, 0.50
HSL	191°, 17%, 43%
HSV	191°, 29%, 50%
XYZ	15.0480, 17.4574, 22.9986
YIQ	112.8280, -20.1270, -4.1830

Conversions

Conversions Part 2

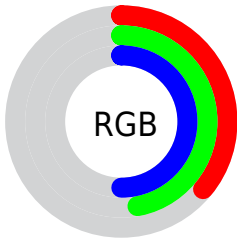
Format	Color
R_{YB}	91, 108, 128
Decimal	5994880
CIE _{Lab}	48.83, -8.96, -7.33
CIE _{LCh}	49, 11.573, 219.302
Yxy	17.4574, 0.2711, 0.3145
Android (android.graphics.Color)	4284184960 (0xFF5B7980)
YUV	112.8280, 7.4798, -19.1432
Hunter-Lab	41.7821, -8.8310, -3.3883

Details

The XYZ color **15.0480, 17.4574, 22.9986** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.1582, 14.0799, 11.8166**, and the grayscale version is **15.6283, 16.4422, 17.9055**.

A 20% lighter version of the original color is **34.4394, 38.9741, 49.4237**, and **4.7249, 5.7128, 8.2508** is the 20% darker color. If you saturate the color by 10%, you get **13.6018, 16.2810, 22.8480**, and if you desaturate by 10%, it is **16.7178, 18.7610, 23.1625**.

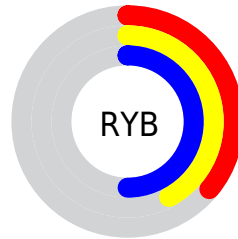
Distribution



Red (36%)

Green (47%)

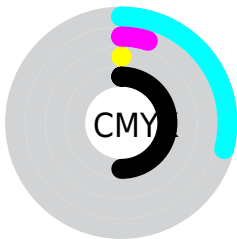
Blue (50%)



Red (36%)

Yellow (42%)

Blue (50%)

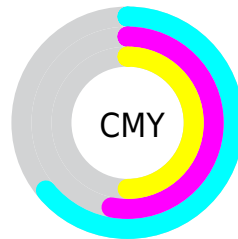


Cyan (29%)

Magenta (5%)

Yellow (0%)

Black (50%)



Cyan (64%)

Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0480, 17.4574, 22.9986 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 15.0480, 17.4574, 22.9986 by changing the saturation by 10% instead.

■ 15.0480, 17.4574,
22.9986

■ 15.0480, 17.4574,
22.9986

217.0392,
237.7946, 280.8395

■ 8.9396, 10.5611,
14.3872

■ 34.5083, 39.1105,
49.3142

■ 4.7586, 5.7726,
8.2486

■ 48.5910, 54.6362,
67.8555

■ 2.1396, 2.7073,
4.1644

■ 66.0624, 73.8072,
90.5437

■ 0.7106, 0.9809,
1.7160

■ 87.2881, 97.0078,
117.7976

■ 0.0000, 0.0000,
0.3716

112.6332,
124.6224, 150.0356

■ 0.0000, 0.0000,
0.0000

142.4632,

157.0355, 187.6762

177.1434,
194.6315, 231.1380

■ 15.0480, 17.4574,
22.9986

■ 15.0480, 17.4574,
22.9986

■ 13.6018, 16.2810,
22.8480

■ 16.7178, 18.7610,
23.1625

■ 12.3668, 15.2239,
22.7091

■ 18.6200, 20.1949,
23.3390

■ 11.3316, 14.2805,
22.5816

■ 20.7646, 21.7649,
23.5290

■ 10.4829, 13.4441,
22.4649

■ 23.1606, 23.4758,
23.7330

■ 9.8060, 12.7069,
22.3582

■ 25.8166, 25.3319,
23.9513

■ 9.2838, 12.0599,
22.2609

■ 28.7406, 27.3376,
24.1843

■ 8.8697, 11.4792,
22.1706

■ 31.9405, 29.4969,
24.4324

■ 8.8255, 11.4169,
22.1609

■ 35.4237, 31.8138,
24.6960

■ 39.1974, 34.2919,
24.9755

Harmonies

Analogous

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



14.6403, 17.4574, 19.9786



15.0480, 17.4574, 22.9986



15.8747, 17.4574, 25.0836

Triad

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



15.0480, 17.4574, 22.9986



18.5970, 17.4574, 21.1723



16.2617, 17.4574, 13.7566

Complementary

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



15.0480, 17.4574, 22.9986



15.1582, 14.0799, 11.8166

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.



17.3321, 17.4574, 14.0026



15.0480, 17.4574, 22.9986



18.7115, 17.4574, 18.0697

Square

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



15.0480, 17.4574, 22.9986



17.9331, 17.4574, 23.9528



18.2397, 17.4574, 15.5082



15.3209, 17.4574, 14.7956

Rectangle

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



15.0480, 17.4574, 22.9986



16.5676, 17.4574, 25.5443



18.2397, 17.4574, 15.5082



16.6179, 17.4574, 13.6944

Sweetspot

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



15.0485, 17.4581, 22.9990



32.6759, 35.4763, 41.0817



14.2282, 18.5406, 14.3308



7.5469, 8.2290, 9.6089



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.0485, 17.4581, 22.9990



24.6968, 29.2843, 40.3070



13.0331, 13.4272, 22.3272



4.3795, 4.7530, 5.4999



8.7519, 11.3224, 21.9741



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.0948, 13.4522, 19.8382



26.9061, 21.1089, 33.5686



17.0688, 17.9011, 12.4534



4.4644, 4.3989, 5.2499



11.2945, 5.5375, 13.4067



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0480, 17.4574, 22.9986 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 15.0480, 17.4574, 22.9986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

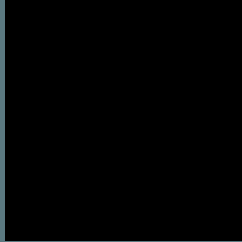
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0480, 17.4574, 22.9986

Background



This preview shows how black text looks on a background with the XYZ color 15.0480, 17.4574, 22.9986.



This preview shows how white text looks on a background with the XYZ color 15.0480, 17.4574,

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

15.0480, 17.4574, 22.9986

Protanopia

16.8391, 17.3615, 21.5324

Deuteranopia

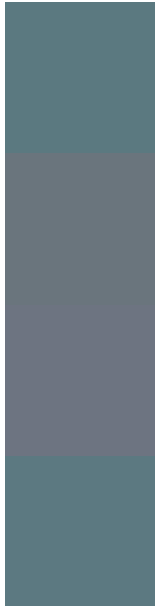
17.6801, 17.4150, 23.5487



Tritanopia

15.2803, 17.5618, 23.7035

Trichromacy



Original Color

15.0480, 17.4574, 22.9986

Protanomaly

16.0068, 17.2674, 21.8913

Deuteranomaly

16.5145, 17.3270, 23.2429

Tritanomaly

15.2135, 17.5350, 23.3516

Monochromacy



Original Color

15.0480, 17.4574, 22.9986

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3411, 16.8020, 19.5741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0480, 17.4574, 22.9986 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(91, 121, 128) looks like.

```
.text, #text, p{  
    color:rgb(91, 121, 128)  
}
```

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(91, 121, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 121, 128) }
```

Border

The CSS property to change the border of an element to XYZ 15.0480, 17.4574, 22.9986 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(91, 121, 128) }
```


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

```
.border{ border-color:rgb(91, 121, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 121, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 121, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 121, 128);  
box-shadow:4px 4px 4px 4px rgb(91, 121,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0480, 17.4574, 22.9986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 121, 128) }
```

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

```
.background{ background-color: rgb(91, 121,  
128) }
```

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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