

Converting Colors

XYZ(15.1228, 17.1213, 24.7862)

Have a look what the booklet for
XYZ(15.1228, 17.1213, 24.7862)
contains.

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Color

**XYZ(15.0469, 17.0608,
24.6903)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7785
RGB	90, 119, 133
RGB Percent	35%, 47%, 52%
CMY	0.6471, 0.5333, 0.4784
CMYK	0.32, 0.11, 0.00, 0.48
HSL	200°, 19%, 44%
HSV	200°, 32%, 52%
XYZ	15.0469, 17.0608, 24.6903
YIQ	111.9250, -21.7780, -1.7940

Conversions

Conversions Part 2

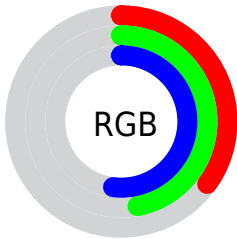
Format	Color
R_{YB}	90, 107, 133
Decimal	5928837
CIE Lab	48.34, -6.83, -11.04
CIE LCh	48, 12.978, 238.246
Yxy	17.0608, 0.2649, 0.3004
Android (android.graphics.Color)	4284118917 (0xFF5A7785)
YUV	111.9250, 10.3900, -19.2282
Hunter-Lab	41.3047, -7.2575, -6.5279

Details

The XYZ color **15.0469, 17.0608, 24.6903** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4688, 15.6254, 11.8212**, and the grayscale version is **15.3546, 16.1542, 17.5920**.

A 20% lighter version of the original color is **34.4103, 38.3337, 52.0399**, and **4.7694, 5.6233, 9.0176** is the 20% darker color. If you saturate the color by 10%, you get **13.3637, 15.4458, 24.4676**, and if you desaturate by 10%, it is **16.9861, 18.8434, 24.9325**.

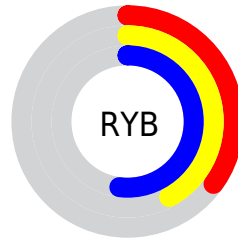
Distribution



Red (35%)

Green (47%)

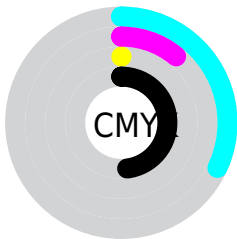
Blue (52%)



Red (35%)

Yellow (42%)

Blue (52%)

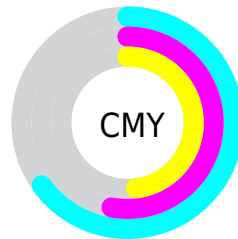


Cyan (32%)

Magenta (11%)

Yellow (0%)

Black (48%)



Cyan (65%)

Magenta (53%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0469, 17.0608, 24.6903 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 15.0469, 17.0608, 24.6903 by changing the saturation by 10% instead.

■ 15.0469, 17.0608,
24.6903

■ 15.0469, 17.0608,
24.6903

217.0327,
235.5225, 289.6902

■ 8.9388, 10.2779,
15.6296

■ 34.5064, 38.4303,
52.1122

■ 4.7581, 5.5836,
9.1109

■ 48.5886, 53.7856,
71.3105

■ 2.1393, 2.5936,
4.7158

■ 66.0595, 72.7672,
94.7250

■ 0.7105, 0.9234,
2.0257

■ 87.2845, 95.7594,
122.7743

■ 0.0000, 0.0000,
0.5710

112.6290,
123.1466, 155.8769

■ 0.0000, 0.0000,
0.0000

142.4582,

155.3133, 194.4514

177.1377,
192.6438, 238.9164

■ 15.0469, 17.0608,
24.6903

■ 15.0469, 17.0608,
24.6903

■ 13.3637, 15.4458,
24.4676

■ 16.9861, 18.8434,
24.9325

■ 11.9223, 13.9895,
24.2625

■ 19.1916, 20.7982,
25.1935

■ 10.7095, 12.6850,
24.0746

■ 21.6747, 22.9319,
25.4745

■ 9.7098, 11.5238,
23.9031

■ 24.4459, 25.2502,
25.7759

■ 8.9061, 10.4965,
23.7472

■ 27.5149, 27.7587,
26.0984

■ 8.2778, 9.5922,
23.6058

■ 30.8910, 30.4625,
26.4423

■ 7.8649, 8.9558,
23.5047

■ 34.5832, 33.3667,
26.8083

■ 38.5998, 36.4761,
27.1967

■ 42.9492, 39.7951,
27.6081

Harmonies

Analogous

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



14.2918, 17.0608, 21.8360



15.0469, 17.0608, 24.6903



16.1462, 17.0608, 25.8852

Triad

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



15.0469, 17.0608, 24.6903



18.5995, 17.0608, 18.7766



15.1620, 17.0608, 13.4042

Complementary

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



15.0469, 17.0608, 24.6903



16.4688, 15.6254, 11.8212

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.



16.2856, 17.0608, 12.7917



15.0469, 17.0608, 24.6903



18.3051, 17.0608, 15.6583

Square

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



15.0469, 17.0608, 24.6903



18.2297, 17.0608, 22.2233



17.4437, 17.0608, 13.5654



14.3559, 17.0608, 15.3519

Rectangle

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



15.0469, 17.0608, 24.6903



16.9391, 17.0608, 25.4822



17.4437, 17.0608, 13.5654



15.5134, 17.0608, 13.0466

Sweetspot

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



15.0474, 17.0615, 24.6907



35.2610, 38.0214, 45.2188



15.0836, 19.9407, 16.0492



7.8294, 8.4664, 10.1742



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.0474, 17.0615, 24.6907



24.6273, 28.3402, 43.9106



12.8072, 12.5810, 23.9440



4.6772, 5.0301, 5.9251



7.4988, 8.5454, 22.3909



0.0326, 0.0429, 0.0798

Inverse Universe

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



16.6592, 13.6312, 19.2066



28.0702, 21.4383, 32.1008



18.8670, 20.4218, 12.6206



4.7951, 4.7377, 5.5334



10.9632, 5.4496, 9.6443



0.0413, 0.0202, 0.0511

Previews

White Background



This preview shows how the XYZ color 15.0469, 17.0608, 24.6903 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 15.0469, 17.0608, 24.6903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

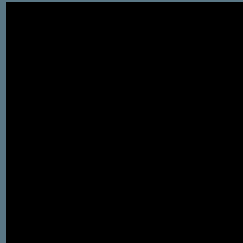
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

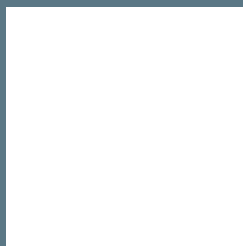
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0469, 17.0608, 24.6903

Background



This preview shows how black text looks on a background with the XYZ color 15.0469, 17.0608, 24.6903.



This preview shows how white text looks on a background with the XYZ color 15.0469, 17.0608,

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

15.0469, 17.0608, 24.6903

Protanopia

16.6619, 17.0644, 23.1845

Deuteranopia

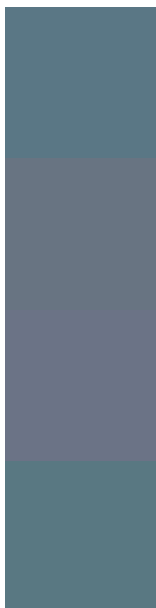
17.3698, 17.0506, 25.2973



Tritanopia

14.7987, 17.1418, 23.2976

Trichromacy



Original Color

15.0469, 17.0608, 24.6903

Protanomaly

15.9836, 17.0455, 23.5668

Deuteranomaly

16.4972, 17.1085, 24.9870

Tritanomaly

14.8656, 17.1685, 23.6494

Monochromacy



Original Color

15.0469, 17.0608, 24.6903

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.2298, 16.5606, 20.1631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0469, 17.0608, 24.6903 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(90, 119, 133)` looks like.

```
.text, #text, p{  
    color:rgb(90, 119, 133)  
}
```

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(90, 119, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 119, 133) }
```

Border

The CSS property to change the border of an element to XYZ 15.0469, 17.0608, 24.6903 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(90, 119, 133) }
```


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

```
.border{ border-color:rgb(90, 119, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 119, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 119, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 119, 133);  
box-shadow:4px 4px 4px 4px rgb(90, 119,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0469, 17.0608, 24.6903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 119, 133) }
```

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

```
.background{ background-color: rgb(90, 119,  
133) }
```

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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