

Converting Colors

XYZ(15.4407, 17.3019, 26.5738)

Have a look what the booklet for
XYZ(15.4407, 17.3019, 26.5738)
contains.

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Color

**XYZ(15.4007, 17.2023,
26.5534)**

Conversions

Conversions Part 1

Format	Color
Hex	5A778A
RGB	90, 119, 138
RGB Percent	35%, 47%, 54%
CMY	0.6471, 0.5333, 0.4588
CMYK	0.35, 0.14, 0.00, 0.46
HSL	204°, 21%, 45%
HSV	204°, 35%, 54%
XYZ	15.4007, 17.2023, 26.5534
YIQ	112.4950, -23.3830, -0.2390

Conversions

Conversions Part 2

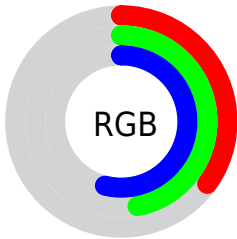
Format	Color
R_{YB}	90, 108, 138
Decimal	5928842
CIE _{Lab}	48.51, -5.49, -13.72
CIE _{LCh}	49, 14.781, 248.192
Yxy	17.2023, 0.2603, 0.2908
Android (android.graphics.Color)	4284118922 (0xFF5A778A)
YUV	112.4950, 12.5740, -19.7281
Hunter-Lab	41.4757, -6.3020, -8.9255

Details

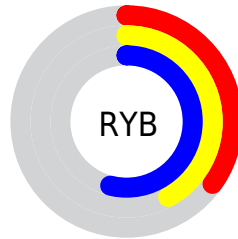
The XYZ color **15.4007, 17.2023, 26.5534** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.7955, 17.0789, 12.0319**, and the grayscale version is **15.5161, 16.3242, 17.7770**.

A 20% lighter version of the original color is **35.1222, 38.6382, 54.8970**, and **4.9291, 5.6825, 10.0696** is the 20% darker color. If you saturate the color by 10%, you get **13.5496, 15.3109, 26.2862**, and if you desaturate by 10%, it is **17.5395, 19.2982, 26.8455**.

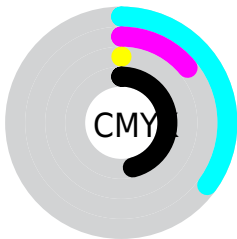
Distribution



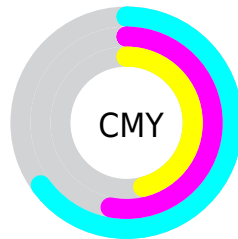
- Red (35%)
- Green (47%)
- Blue (54%)



- Red (35%)
- Yellow (42%)
- Blue (54%)



- Cyan (35%)
- Magenta (14%)
- Yellow (0%)
- Black (46%)



- Cyan (65%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4007, 17.2023, 26.5534 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 15.4007, 17.2023, 26.5534 by changing the saturation by 10% instead.

■ 15.4007, 17.2023,
26.5534

■ 15.4007, 17.2023,
26.5534

219.1195,
236.3355, 299.1797

■ 9.1892, 10.3788,
17.0086

■ 35.1205, 38.6733,
55.1614

■ 4.9229, 5.6509,
10.0786

■ 49.3596, 54.0896,
75.0617

■ 2.2364, 2.6340,
5.3448

■ 67.0052, 73.1389,
99.2509

■ 0.7618, 0.9438,
2.3887

■ 88.4228, 96.2057,
128.1476

■ 0.0000, 0.0000,
0.7803

113.9777,
123.6744, 162.1702

■ 0.0000, 0.0000,
0.0000

144.0352,

155.9293, 201.7374

178.9607,
193.3549, 247.2677

■ 15.4007, 17.2023,
26.5534

■ 15.4007, 17.2023,
26.5534

■ 13.5496, 15.3109,
26.2862

■ 17.5395, 19.2982,
26.8455

■ 11.9702, 13.6138,
26.0418

■ 19.9777, 21.6045,
27.1622

■ 10.6471, 12.1024,
25.8199

■ 22.7283, 24.1291,
27.5045

■ 9.5628, 10.7667,
25.6192

■ 25.8031, 26.8790,
27.8732

■ 8.6973, 9.5954,
25.4387

■ 29.2132, 29.8606,
28.2690

■ 8.0238, 8.5737,
25.2770

■ 32.9692, 33.0803,
28.6925

■ 7.7098, 8.0797,
25.1982

■ 37.0811, 36.5441,
29.1444

■ 41.5585, 40.2577,
29.6252

■ 46.4107, 44.2267,
30.1355

Harmonies

Analogous

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



14.3856, 17.2023, 23.7369



15.4007, 17.2023, 26.5534



16.7246, 17.2023, 27.1358

Triad

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



15.4007, 17.2023, 26.5534



19.0690, 17.2023, 17.6864



14.7906, 17.2023, 13.4534

Complementary

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



15.4007, 17.2023, 26.5534



17.7955, 17.0789, 12.0319

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.



15.9816, 17.2023, 12.2691



15.4007, 17.2023, 26.5534



18.4862, 17.2023, 14.4825

Square

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



15.4007, 17.2023, 26.5534



18.8923, 17.2023, 21.6435



17.3381, 17.2023, 12.6180



14.0471, 17.2023, 16.0912

Rectangle

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



15.4007, 17.2023, 26.5534



17.6132, 17.2023, 26.1123



17.3381, 17.2023, 12.6180



15.1492, 17.2023, 12.8900

Sweetspot

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



15.4012, 17.2030, 26.5538



37.3589, 40.0656, 48.1476



16.0334, 21.4422, 17.5933



8.2494, 8.8668, 10.7830



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.4012, 17.2030, 26.5538



24.4607, 27.5895, 46.4193



12.9507, 12.3020, 25.7370



5.0095, 5.3618, 6.3768



7.0832, 7.4367, 23.1078



0.0614, 0.0781, 0.1583

Inverse Universe

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



17.4676, 14.0479, 19.2444



28.7891, 21.4949, 30.9927



20.6326, 22.7530, 12.9776



5.1514, 5.0960, 5.8857



11.0621, 5.5350, 8.0972



0.0807, 0.0397, 0.0919

Previews

White Background



This preview shows how the XYZ color 15.4007, 17.2023, 26.5534 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 15.4007, 17.2023, 26.5534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

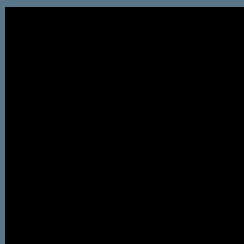
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

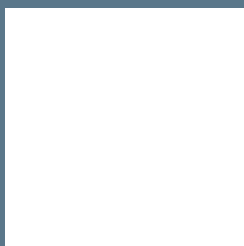
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4007, 17.2023, 26.5534

Background



This preview shows how black text looks on a background with the XYZ color 15.4007, 17.2023, 26.5534.



This preview shows how white text looks on a background with the XYZ color 15.4007, 17.2023,

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

15.4007, 17.2023, 26.5534

Protanopia

16.9460, 17.1634, 25.3414

Deuteranopia

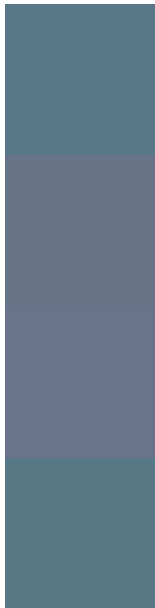
17.3938, 17.0298, 26.7964



Tritanopia

14.7702, 17.1194, 23.6450

Trichromacy



Original Color

15.4007, 17.2023, 26.5534

Protanomaly

16.2828, 17.1519, 25.7450

Deuteranomaly

16.6166, 17.1288, 26.8565

Tritanomaly

15.0699, 17.2502, 24.7257

Monochromacy



Original Color

15.4007, 17.2023, 26.5534

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.2908, 16.5850, 20.4845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4007, 17.2023, 26.5534 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, 138) looks like.

```
.text, #text, p{  
  color:rgb(90, 119, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 119, 138) }
```

Border

The CSS property to change the border of an element to XYZ 15.4007, 17.2023, 26.5534 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, 138) }
```


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

```
.border{ border-color:rgb(90, 119, 138) }
```

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, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 119, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 119, 138);  
box-shadow:4px 4px 4px 4px rgb(90, 119,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4007, 17.2023, 26.5534 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, 138) }
```

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

```
.background{ background-color: rgb(90, 119,  
138) }
```

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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