

Converting Colors

XYZ(15.7384, 19.0917, 26.4414)

Have a look what the booklet for
XYZ(15.7384, 19.0917, 26.4414)
contains.

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Color

**XYZ(15.7142, 19.0383,
26.5134)**

Conversions

Conversions Part 1

Format	Color
Hex	528089
RGB	82, 128, 137
RGB Percent	32%, 50%, 54%
CMY	0.6784, 0.4980, 0.4627
CMYK	0.40, 0.07, 0.00, 0.46
HSL	190°, 25%, 43%
HSV	190°, 40%, 54%
XYZ	15.7142, 19.0383, 26.5134
YIQ	115.2720, -30.3050, -6.9530

Conversions

Conversions Part 2

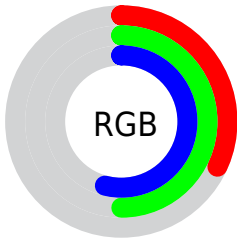
Format	Color
R_{YB}	82, 107, 137
Decimal	5406857
CIE _{Lab}	50.73, -13.21, -9.84
CIE _{LCh}	51, 16.473, 216.662
Yxy	19.0383, 0.2565, 0.3107
Android (android.graphics.Color)	4283596937 (0xFF528089)
YUV	115.2720, 10.7119, -29.1795
Hunter-Lab	43.6329, -12.0716, -5.4844

Details

The XYZ color **15.7142, 19.0383, 26.5134** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.5809, 13.4100, 9.7504**, and the grayscale version is **16.3538, 17.2055, 18.7367**.

A 20% lighter version of the original color is **35.6497, 41.8338, 54.9110**, and **5.0814, 6.5714, 10.0174** is the 20% darker color. If you saturate the color by 10%, you get **14.3508, 17.9066, 26.3672**, and if you desaturate by 10%, it is **17.3232, 20.3071, 26.6738**.

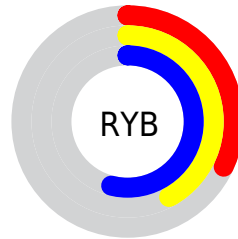
Distribution



Red (32%)

Green (50%)

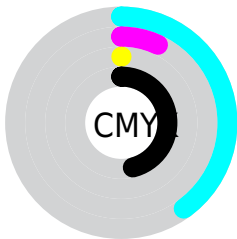
Blue (54%)



Red (32%)

Yellow (42%)

Blue (54%)

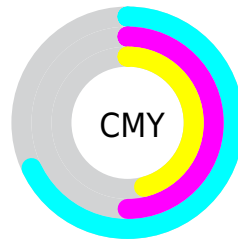


Cyan (40%)

Magenta (7%)

Yellow (0%)

Black (46%)



Cyan (68%)

Magenta (50%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7142, 19.0383, 26.5134 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 15.7142, 19.0383, 26.5134 by changing the saturation by 10% instead.

■ 15.7142, 19.0383,
26.5134

■ 15.7142, 19.0383,
26.5134

220.9530,
246.6601, 298.9786

■ 9.4117, 11.6980,
16.9789

■ 35.6628, 41.7988,
55.0962

■ 5.0699, 6.5384,
10.0577

■ 50.0396, 57.9878,
74.9817

■ 2.3235, 3.1751,
5.3311

■ 67.8386, 77.8950,
99.1545

■ 0.8067, 1.2238,
2.3807

■ 89.4250, 101.9050,
128.0333

■ 0.0000, 0.0810,
0.7759

■ 115.1643,
130.4021, 162.0366

■ 0.0000, 0.0000,
0.0000

145.4219,

163.7708, 201.5828

180.5630,
202.3953, 247.0907

■ 15.7142, 19.0383,
26.5134

■ 15.7142, 19.0383,
26.5134

■ 14.3508, 17.9066,
26.3672

■ 17.3232, 20.3071,
26.6738

■ 13.2168, 16.9023,
26.2331

■ 19.1890, 21.7174,
26.8477

■ 12.2971, 16.0179,
26.1108

■ 21.3244, 23.2765,
27.0361

■ 11.5739, 15.2442,
25.9996

■ 23.7408, 24.9902,
27.2395

■ 11.0263, 14.5703,
25.8984

■ 26.4489, 26.8641,
27.4585

■ 10.5990, 13.9733,
25.8057

■ 29.4588, 28.9035,
27.6935

■ 32.7801, 31.1133,
27.9450

■ 36.4221, 33.4985,
28.2134

■ 40.3936, 36.0636,
28.4992

Harmonies

Analogous

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



15.1797, 19.0383, 21.7797



15.7142, 19.0383, 26.5134



16.8914, 19.0383, 30.0268

Triad

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



15.7142, 19.0383, 26.5134



21.1027, 19.0383, 24.4607



17.7370, 19.0383, 13.0837

Complementary

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



15.7142, 19.0383, 26.5134



15.5809, 13.4100, 9.7504

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.



19.3551, 19.0383, 13.5817



15.7142, 19.0383, 26.5134



21.3623, 19.0383, 19.7136

Square

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



15.7142, 19.0383, 26.5134



20.0159, 19.0383, 28.7237



20.7056, 19.0383, 15.8546



16.3017, 19.0383, 14.3759

Rectangle

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



15.7142, 19.0383, 26.5134



17.9149, 19.0383, 30.9494



20.7056, 19.0383, 15.8546



18.2770, 19.0383, 13.0506

Sweetspot

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



15.7148, 19.0390, 26.5138



37.3355, 41.0688, 48.3424



14.2819, 20.4280, 12.9195



8.2794, 9.1428, 10.8347



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.



15.7148, 19.0390, 26.5138



25.9440, 32.2758, 47.2456



12.6735, 12.9565, 25.5001



5.1044, 5.5517, 6.4084



9.8801, 13.0305, 24.0401



0.0742, 0.1038, 0.1626

Inverse Universe

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



17.2306, 12.9120, 22.0070



29.1180, 20.0191, 37.6797



18.2889, 18.8261, 10.6530



5.1993, 5.1152, 6.1380



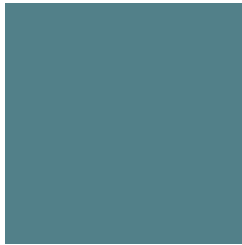
12.4738, 6.0996, 15.5313



0.0872, 0.0423, 0.1261

Previews

White Background



This preview shows how the XYZ color 15.7142, 19.0383, 26.5134 looks on a white 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

Black Background



This preview shows how the XYZ color 15.7142, 19.0383, 26.5134 looks on a black 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

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

XYZ 15.7142, 19.0383, 26.5134

Background



This preview shows how black text looks on a background with the XYZ color 15.7142, 19.0383, 26.5134.



This preview shows how white text looks on a background with the XYZ color 15.7142, 19.0383,

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

15.7142, 19.0383, 26.5134

Protanopia

18.3694, 18.7815, 24.4868

Deuteranopia

19.1899, 18.7976, 27.0430



Tritanopia

15.7863, 19.0672, 26.8931

Trichromacy



Original Color

15.7142, 19.0383, 26.5134

Protanomaly

17.2065, 18.7045, 25.2577

Deuteranomaly

17.6092, 18.6979, 26.7257

Tritanomaly

15.7863, 19.0672, 26.8931

Monochromacy



Original Color

15.7142, 19.0383, 26.5134

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.8851, 17.7466, 21.3271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7142, 19.0383, 26.5134 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(82, 128, 137)` looks like.

```
.text, #text, p{  
    color:rgb(82, 128, 137)  
}
```

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(82, 128, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 128, 137) }
```

Border

The CSS property to change the border of an element to XYZ 15.7142, 19.0383, 26.5134 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(82, 128, 137) }
```


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

```
.border{ border-color:rgb(82, 128, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 128, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 128, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 128, 137);  
box-shadow:4px 4px 4px 4px rgb(82, 128,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7142, 19.0383, 26.5134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 128, 137) }
```

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

```
.background{ background-color: rgb(82, 128,  
137) }
```

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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