

Converting Colors

XYZ(15.8412, 18.2957, 26.5825)

Have a look what the booklet for
XYZ(15.8412, 18.2957, 26.5825)
contains.

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Color

**XYZ(15.9149, 18.3741,
26.7525)**

Conversions

Conversions Part 1

Format	Color
Hex	597C8A
RGB	89, 124, 138
RGB Percent	35%, 49%, 54%
CMY	0.6510, 0.5137, 0.4588
CMYK	0.36, 0.10, 0.00, 0.46
HSL	197°, 22%, 45%
HSV	197°, 36%, 54%
XYZ	15.9149, 18.3741, 26.7525
YIQ	115.1310, -25.3540, -3.0660

Conversions

Conversions Part 2

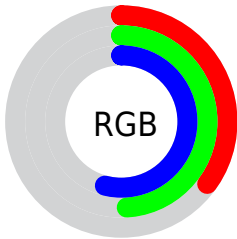
Format	Color
R _Y B	89, 109, 138
Decimal	5864586
CIE Lab	49.95, -8.67, -11.56
CIE LCh	50, 14.451, 233.152
Yxy	18.3741, 0.2607, 0.3010
Android (android.graphics.Color)	4284054666 (0xFF597C8A)
YUV	115.1310, 11.2744, -22.9169
Hunter-Lab	42.8650, -8.7404, -6.9980

Details

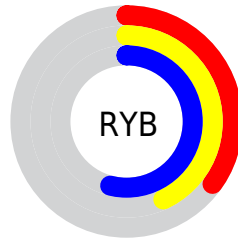
The XYZ color **15.9149, 18.3741, 26.7525** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.1349, 15.8253, 11.6031**, and the grayscale version is **16.3082, 17.1575, 18.6845**.

A 20% lighter version of the original color is **36.1106, 40.8686, 55.2754**, and **5.1526, 6.1879, 10.1553** is the 20% darker color. If you saturate the color by 10%, you get **14.2286, 16.7863, 26.5352**, and if you desaturate by 10%, it is **17.8703, 20.1308, 26.9888**.

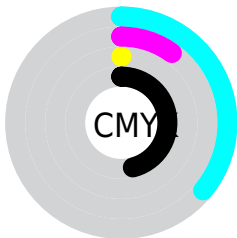
Distribution



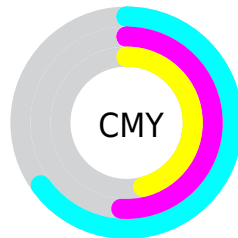
- Red (35%)
- Green (49%)
- Blue (54%)



- Red (35%)
- Yellow (43%)
- Blue (54%)



- Cyan (36%)
- Magenta (10%)
- Yellow (0%)
- Black (46%)



- Cyan (65%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9149, 18.3741, 26.7525 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 15.9149, 18.3741, 26.7525 by changing the saturation by 10% instead.

■ 15.9149, 18.3741,
26.7525

■ 15.9149, 18.3741,
26.7525

222.1193,
242.9713, 300.1789

■ 9.5544, 11.2189,
17.1566

■ 36.0090, 40.6738,
55.4854

■ 5.1645, 6.2143,
10.1831

■ 50.4734, 56.5870,
75.4594

■ 2.3799, 2.9758,
5.4133

■ 68.3698, 76.1884,
99.7300

■ 0.8351, 1.1191,
2.4288

■ 90.0636, 99.8623,
128.7156

■ 0.0000, 0.0000,
0.8021

■ 115.9200,
127.9932, 162.8347

■ 0.0000, 0.0000,
0.0000

146.3046,

160.9654, 202.5060

181.5825,
199.1633, 248.1479

■ 15.9149, 18.3741,
26.7525

■ 15.9149, 18.3741,
26.7525

■ 14.2286, 16.7863,
26.5352

■ 17.8703, 20.1308,
26.9888

■ 12.7957, 15.3577,
26.3350

■ 20.1063, 22.0614,
27.2436

■ 11.6012, 14.0806,
26.1515

■ 22.6355, 24.1732,
27.5179

■ 10.6277, 12.9458,
25.9837

■ 25.4694, 26.4723,
27.8124

■ 9.8555, 11.9427,
25.8308

■ 28.6187, 28.9647,
28.1274

■ 9.2556, 11.0560,
25.6913

■ 32.0938, 31.6559,
28.4637

■ 9.0092, 10.6784,
25.6314

■ 35.9043, 34.5513,
28.8218

■ 40.0596, 37.6561,
29.2020

■ 44.5687, 40.9751,
29.6050

Harmonies

Analogous

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



15.1277, 18.3741, 23.1578



15.9149, 18.3741, 26.7525



17.1483, 18.3741, 28.5760

Triad

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



15.9149, 18.3741, 26.7525



20.2443, 18.3741, 20.9297



16.4376, 18.3741, 13.7801

Complementary

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



15.9149, 18.3741, 26.7525



17.1349, 15.8253, 11.6031

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.



17.7836, 18.3741, 13.3480



15.9149, 18.3741, 26.7525



20.0294, 18.3741, 17.1545

Square

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



15.9149, 18.3741, 26.7525



19.6834, 18.3741, 24.9385



19.1106, 18.3741, 14.5017



15.4181, 18.3741, 15.7714

Rectangle

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



15.9149, 18.3741, 26.7525



18.0771, 18.3741, 28.3917



19.1106, 18.3741, 14.5017



16.8650, 18.3741, 13.4595

Sweetspot

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



15.9155, 18.3748, 26.7529



37.2801, 40.4367, 48.2234



15.6510, 21.2781, 16.0839



8.2494, 8.9756, 10.8040



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.



15.9155, 18.3748, 26.7529



25.5215, 30.0136, 46.8313



13.2282, 13.0003, 25.8572



5.0541, 5.4512, 6.3917



8.2728, 9.8160, 23.5043



0.0675, 0.0903, 0.1603

Inverse Universe

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



17.6922, 14.0037, 20.8400



29.2507, 21.3966, 34.2952



19.9237, 21.4029, 12.5327



5.1739, 5.1050, 6.0045



11.6626, 5.7751, 11.2592



0.0838, 0.0409, 0.1081

Previews

White Background



This preview shows how the XYZ color 15.9149, 18.3741, 26.7525 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 15.9149, 18.3741, 26.7525 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

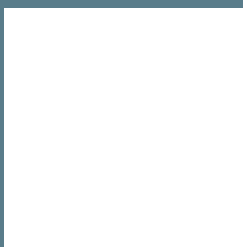
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9149, 18.3741, 26.7525

Background



This preview shows how black text looks on a background with the XYZ color 15.9149, 18.3741, 26.7525.



This preview shows how white text looks on a background with the XYZ color 15.9149, 18.3741,

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

15.9149, 18.3741, 26.7525

Protanopia

17.9840, 18.3911, 25.1562

Deuteranopia

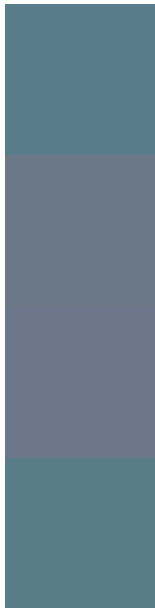
18.7247, 18.3773, 27.3712



Tritanopia

15.7313, 18.4912, 25.6617

Trichromacy



Original Color

15.9149, 18.3741, 26.7525

Protanomaly

17.0335, 18.2464, 25.5458

Deuteranomaly

17.5637, 18.3089, 27.0344

Tritanomaly

15.8021, 18.5195, 26.0343

Monochromacy



Original Color

15.9149, 18.3741, 26.7525

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.9974, 17.4511, 21.2641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9149, 18.3741, 26.7525 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(89, 124, 138) looks like.

```
.text, #text, p{  
    color:rgb(89, 124, 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(89, 124, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 124, 138) }
```

Border

The CSS property to change the border of an element to XYZ 15.9149, 18.3741, 26.7525 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(89, 124, 138) }
```


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

```
.border{ border-color:rgb(89, 124, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 124, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 124, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 124, 138);  
box-shadow:4px 4px 4px 4px rgb(89, 124,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9149, 18.3741, 26.7525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 124, 138) }
```

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

```
.background{ background-color: rgb(89, 124,  
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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