

Converting Colors

XYZ(15.1276, 19.2686, 25.1189)

Have a look what the booklet for
XYZ(15.1276, 19.2686, 25.1189)
contains.

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Color

**XYZ(15.1740, 19.3819,
25.1316)**

Conversions

Conversions Part 1

Format	Color
Hex	4A8385
RGB	74, 131, 133
RGB Percent	29%, 51%, 52%
CMY	0.7098, 0.4863, 0.4784
CMYK	0.44, 0.02, 0.00, 0.48
HSL	182°, 29%, 41%
HSV	182°, 44%, 52%
XYZ	15.1740, 19.3819, 25.1316
YIQ	114.1850, -34.6140, -11.4620

Conversions

Conversions Part 2

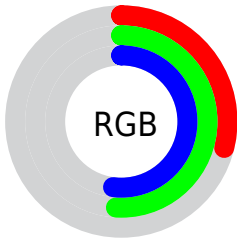
Format	Color
RYB	74, 103, 133
Decimal	4883333
CIELab	51.13, -18.12, -6.94
CIELCh	51, 19.399, 200.960
Yxy	19.3819, 0.2542, 0.3247
Android (android.graphics.Color)	4283073413 (0xFF4A8385)
YUV	114.1850, 9.2758, -35.2422
Hunter-Lab	44.0249, -15.5202, -3.0283

Details

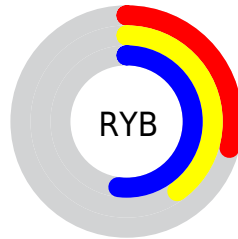
The XYZ color **15.1740, 19.3819, 25.1316** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.4937, 10.6502, 7.8236**, and the grayscale version is **16.0307, 16.8656, 18.3666**.

A 20% lighter version of the original color is **34.7558, 42.3382, 52.7946**, and **4.8112, 6.6634, 9.4201** is the 20% darker color. If you saturate the color by 10%, you get **14.1962, 18.7886, 25.0690**, and if you desaturate by 10%, it is **16.3698, 20.0888, 25.2054**.

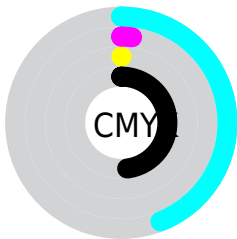
Distribution



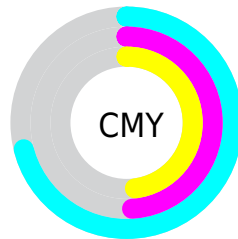
- Red (29%)
- Green (51%)
- Blue (52%)



- Red (29%)
- Yellow (40%)
- Blue (52%)



- Cyan (44%)
- Magenta (2%)
- Yellow (0%)
- Black (48%)



- Cyan (71%)
- Magenta (49%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1740, 19.3819, 25.1316 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 15.1740, 19.3819, 25.1316 by changing the saturation by 10% instead.

■ 15.1740, 19.3819,
25.1316

■ 15.1740, 19.3819,
25.1316

217.7845,
248.5490, 291.9613

■ 9.0287, 11.9466,
15.9552

■ 34.7273, 42.3784,
52.8374

■ 4.8172, 6.7073,
9.3385

■ 48.8660, 58.7084,
72.2039

■ 2.1740, 3.2797,
4.8628

■ 66.3999, 78.7720,
95.8042

■ 0.7290, 1.2795,
2.1096

■ 87.6943, 102.9537,
124.0568

■ 0.0000, 0.1252,
0.6215

■ 113.1147,
131.6379, 157.3803

■ 0.0000, 0.0000,
0.0000

143.0262,

165.2089, 196.1932

177.7944,
204.0511, 240.9140

■ 15.1740, 19.3819,
25.1316

■ 15.1740, 19.3819,
25.1316

■ 14.1962, 18.7886,
25.0690

■ 16.3698, 20.0888,
25.2054

■ 13.4207, 18.2996,
25.0154

■ 17.7944, 20.9137,
25.2895

■ 12.8330, 17.9078,
24.9708

■ 19.4599, 21.8631,
25.3850

■ 12.4154, 17.6040,
24.9342

■ 21.3772, 22.9427,
25.4923

■ 12.1449, 17.3765,
24.9045

■ 23.5564, 24.1577,
25.6120

■ 12.0176, 17.2614,
24.8890

■ 26.0072, 25.5132,
25.7444

■ 28.7387, 27.0136,
25.8901

■ 31.7594, 28.6637,
26.0494

■ 35.0778, 30.4676,
26.2226

Harmonies

Analogous

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



14.9997, 19.3819, 19.4798



15.1740, 19.3819, 25.1316



16.1853, 19.3819, 30.4650

Triad

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



15.1740, 19.3819, 25.1316



21.4522, 19.3819, 28.5177



19.0102, 19.3819, 12.2630

Complementary

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



15.1740, 19.3819, 25.1316



13.4937, 10.6502, 7.8236

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.



20.8556, 19.3819, 13.8881



15.1740, 19.3819, 25.1316



22.3287, 19.3819, 22.8152

Square

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



15.1740, 19.3819, 25.1316



19.7794, 19.3819, 32.6447



22.1031, 19.3819, 17.5308



17.1280, 19.3819, 12.6644

Rectangle

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



15.1740, 19.3819, 25.1316



17.2394, 19.3819, 32.8076



22.1031, 19.3819, 17.5308



19.6573, 19.3819, 12.5781

Sweetspot

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



15.1746, 19.3827, 25.1321



35.1917, 39.3462, 45.4782



12.5154, 18.7526, 9.7919



7.7889, 8.7854, 10.2379



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.



15.1746, 19.3827, 25.1321



25.4463, 33.6611, 44.8945



11.7638, 12.5611, 23.9951



4.7885, 5.2526, 5.9622



11.4481, 16.4440, 23.7073



0.0407, 0.0591, 0.0825

Inverse Universe

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



16.2189, 11.5233, 22.8429



27.5846, 17.8022, 40.1549



16.0086, 15.6799, 8.6619



4.8513, 4.7602, 5.8290



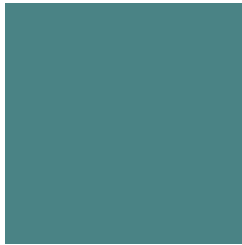
12.9566, 6.2470, 20.1415



0.0454, 0.0219, 0.0726

Previews

White Background



This preview shows how the XYZ color 15.1740, 19.3819, 25.1316 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 15.1740, 19.3819, 25.1316 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

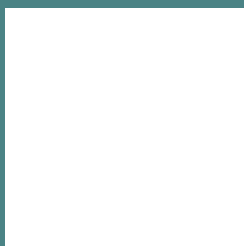
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1740, 19.3819, 25.1316

Background



This preview shows how black text looks on a background with the XYZ color 15.1740, 19.3819, 25.1316.



This preview shows how white text looks on a background with the XYZ color 15.1740, 19.3819,

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

15.1740, 19.3819, 25.1316

Protanopia

18.6942, 19.3446, 22.8273

Deuteranopia

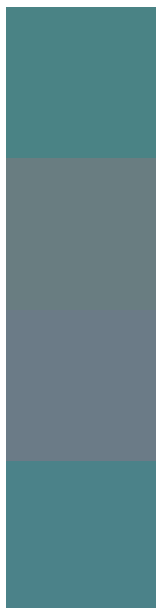
19.5266, 19.1701, 25.9636



Tritanopia

15.6967, 19.3952, 27.7273

Trichromacy



Original Color

15.1740, 19.3819, 25.1316

Protanomaly

17.1218, 19.2555, 23.5831

Deuteranomaly

17.5195, 19.0410, 25.6736

Tritanomaly

15.3996, 19.2673, 26.5742

Monochromacy



Original Color

15.1740, 19.3819, 25.1316

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.3133, 17.4661, 20.6534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1740, 19.3819, 25.1316 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(74, 131, 133)` looks like.

```
.text, #text, p{  
    color:rgb(74, 131, 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(74, 131, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 131, 133) }
```

Border

The CSS property to change the border of an element to XYZ 15.1740, 19.3819, 25.1316 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(74, 131, 133) }
```


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

```
.border{ border-color:rgb(74, 131, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 131, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 131, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 131, 133);  
box-shadow:4px 4px 4px 4px rgb(74, 131,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1740, 19.3819, 25.1316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 131, 133) }
```

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

```
.background{ background-color: rgb(74, 131,  
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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