

Converting Colors

XYZ(15.9879, 18.5459, 31.2758)

Have a look what the booklet for
XYZ(15.9879, 18.5459, 31.2758)
contains.

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Color

**XYZ(15.9003, 18.4569,
31.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	4E7D95
RGB	78, 125, 149
RGB Percent	31%, 49%, 58%
CMY	0.6941, 0.5098, 0.4157
CMYK	0.48, 0.16, 0.00, 0.42
HSL	200°, 31%, 45%
HSV	200°, 48%, 58%
XYZ	15.9003, 18.4569, 31.1583
YIQ	113.6830, -35.7160, -2.5000

Conversions

Conversions Part 2

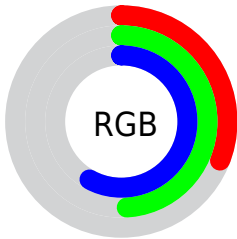
Format	Color
R_{YB}	78, 106, 149
Decimal	5143957
CIE _{Lab}	50.05, -9.18, -17.92
CIE _{LCh}	50, 20.137, 242.888
Yxy	18.4569, 0.2427, 0.2817
Android (android.graphics.Color)	4283334037 (0xFF4E7D95)
YUV	113.6830, 17.4113, -31.2940
Hunter-Lab	42.9615, -9.1187, -12.9277

Details

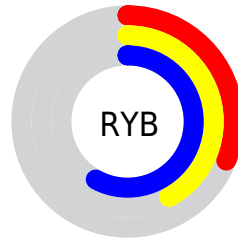
The XYZ color **15.9003, 18.4569, 31.1583** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.5213, 16.4427, 9.4058**, and the grayscale version is **15.8571, 16.6829, 18.1677**.

A 20% lighter version of the original color is **36.0600, 40.9779, 62.5089**, and **5.1424, 6.2329, 12.4873** is the 20% darker color. If you saturate the color by 10%, you get **14.1937, 16.6548, 30.9008**, and if you desaturate by 10%, it is **17.9170, 20.4676, 31.4405**.

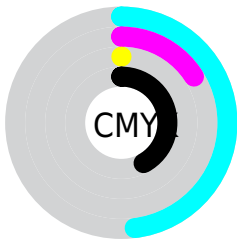
Distribution



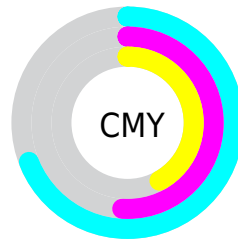
- Red (31%)
- Green (49%)
- Blue (58%)



- Red (31%)
- Yellow (42%)
- Blue (58%)



- Cyan (48%)
- Magenta (16%)
- Yellow (0%)
- Black (42%)



- Cyan (69%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9003, 18.4569, 31.1583 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 15.9003, 18.4569, 31.1583 by changing the saturation by 10% instead.

■ 15.9003, 18.4569,
31.1583

■ 15.9003, 18.4569,
31.1583

222.0347,
243.4339, 321.6407

■ 9.5440, 11.2785,
20.4599

■ 35.9839, 40.8143,
62.5717

■ 5.1576, 6.2545,
12.5424

■ 50.4419, 56.7622,
84.1238

■ 2.3758, 3.0004,
6.9872

■ 68.3312, 76.4020,
110.1310

■ 0.8330, 1.1320,
3.3758

■ 90.0172, 100.1181,
141.0117

■ 0.0000, 0.0051,
1.2896

■ 115.8652,
128.2950, 177.1844

■ 0.0000, 0.0000,
0.0532

146.2405,

■ 0.0000, 0.0000,

161.3170, 219.0678

0.0000

181.5085,
199.5685, 267.0804

■ 15.9003, 18.4569,
31.1583

■ 15.9003, 18.4569,
31.1583

■ 14.1937, 16.6548,
30.9008

■ 17.9170, 20.4676,
31.4405

■ 12.7761, 15.0487,
30.6654

■ 20.2597, 22.6947,
31.7468

■ 11.6262, 13.6271,
30.4517

■ 22.9452, 25.1479,
32.0788

■ 10.7189, 12.3764,
30.2581

■ 25.9886, 27.8355,
32.4372

■ 10.0087, 11.2724,
30.0824

■ 29.4040, 30.7657,
32.8227

■ 9.8524, 11.0249,
30.0429

■ 33.2047, 33.9458,
33.2362

■ 37.4035, 37.3830,
33.6784

■ 42.0123, 41.0842,
34.1499

■ 47.0428, 45.0558,
34.6514

Harmonies

Analogous

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



14.5987, 18.4569, 26.4591



15.9003, 18.4569, 31.1583



17.7309, 18.4569, 32.7354

Triad

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



15.9003, 18.4569, 31.1583



21.5295, 18.4569, 19.5641



15.5980, 18.4569, 12.4074

Complementary

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



15.9003, 18.4569, 31.1583



18.5213, 16.4427, 9.4058

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.



17.3559, 18.4569, 11.2185



15.9003, 18.4569, 31.1583



20.8581, 18.4569, 14.8455

Square

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



15.9003, 18.4569, 31.1583



21.0693, 18.4569, 25.3573



19.2945, 18.4569, 12.0220



14.4334, 18.4569, 15.6187

Rectangle

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



15.9003, 18.4569, 31.1583



19.0307, 18.4569, 31.6054



19.2945, 18.4569, 12.0220



16.1344, 18.4569, 11.7877

Sweetspot

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



15.9009, 18.4576, 31.1587



42.8529, 46.6083, 57.6590



16.2715, 24.0677, 16.2723



9.2670, 10.1244, 12.7506



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



15.9009, 18.4576, 31.1587



25.2779, 29.6722, 55.3163



12.2093, 11.0744, 29.9282



5.8007, 6.2353, 7.3675



8.3201, 9.3351, 25.2944



0.1292, 0.1689, 0.3187

Inverse Universe

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



18.8210, 13.3195, 20.9818



31.3556, 20.0966, 33.8839



22.7394, 24.8788, 10.8118



5.9528, 5.8762, 6.8578



12.3267, 6.1357, 10.4673



0.1647, 0.0806, 0.2008

Previews

White Background



This preview shows how the XYZ color 15.9003, 18.4569, 31.1583 looks on a white background.

Color Contrast Check

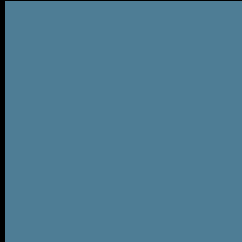
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9003, 18.4569, 31.1583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

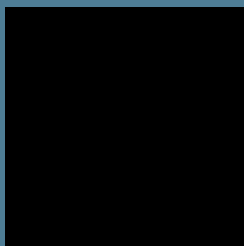
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.9003, 18.4569, 31.1583

Background



This preview shows how black text looks on a background with the XYZ color 15.9003, 18.4569, 31.1583.



This preview shows how white text looks on a background with the XYZ color 15.9003, 18.4569,

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

15.9003, 18.4569, 31.1583

Protanopia

18.2054, 18.2469, 28.9480

Deuteranopia

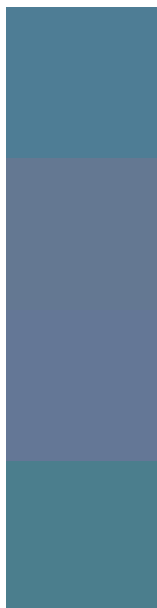
18.6414, 18.2359, 31.8155



Tritanopia

14.9288, 18.4407, 26.4395

Trichromacy



Original Color

15.9003, 18.4569, 31.1583

Protanomaly

17.1603, 18.2176, 29.8060

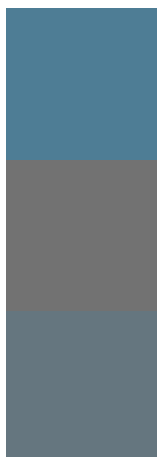
Deuteranomaly

17.3574, 18.1050, 31.4339

Tritanomaly

15.1702, 18.3407, 27.9398

Monochromacy



Original Color

15.9003, 18.4569, 31.1583

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6760, 17.2559, 22.5832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9003, 18.4569, 31.1583 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(78, 125, 149)` looks like.

```
.text, #text, p{  
    color:rgb(78, 125, 149)  
}
```

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(78, 125, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 125, 149) }
```

Border

The CSS property to change the border of an element to XYZ 15.9003, 18.4569, 31.1583 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(78, 125, 149) }
```


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

```
.border{ border-color:rgb(78, 125, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 125, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 125, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 125, 149);  
box-shadow:4px 4px 4px 4px rgb(78, 125,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9003, 18.4569, 31.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 125, 149) }
```

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

```
.background{ background-color: rgb(78, 125,  
149) }
```

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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