

Converting Colors

XYZ(15.3956, 18.6163, 25.9545)

Have a look what the booklet for
XYZ(15.3956, 18.6163, 25.9545)
contains.

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Color

**XYZ(15.5130, 18.7502,
26.0941)**

Conversions

Conversions Part 1

Format	Color
Hex	527F88
RGB	82, 127, 136
RGB Percent	32%, 50%, 53%
CMY	0.6784, 0.5020, 0.4667
CMYK	0.40, 0.07, 0.00, 0.47
HSL	190°, 25%, 43%
HSV	190°, 40%, 53%
XYZ	15.5130, 18.7502, 26.0941
YIQ	114.5710, -29.7090, -6.7410

Conversions

Conversions Part 2

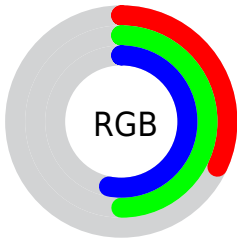
Format	Color
R_{YB}	82, 107, 136
Decimal	5406600
CIE Lab	50.39, -12.93, -9.76
CIE LCh	50, 16.200, 217.035
Yxy	18.7502, 0.2570, 0.3107
Android (android.graphics.Color)	4283596680 (0xFF527F88)
YUV	114.5710, 10.5645, -28.5648
Hunter-Lab	43.3015, -11.8290, -5.4179

Details

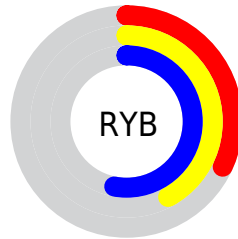
The XYZ color **15.5130, 18.7502, 26.0941** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.4177, 13.3258, 9.7426**, and the grayscale version is **16.1420, 16.9826, 18.4941**.

A 20% lighter version of the original color is **35.3381, 41.3850, 54.2697**, and **4.9692, 6.4120, 9.7798** is the 20% darker color. If you saturate the color by 10%, you get **14.1563, 17.6216, 25.9481**, and if you desaturate by 10%, it is **17.1119, 20.0143, 26.2542**.

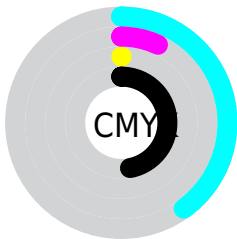
Distribution



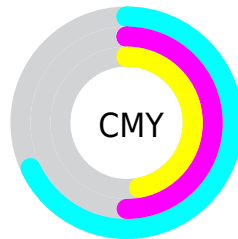
- Red (32%)
- Green (50%)
- Blue (53%)



- Red (32%)
- Yellow (42%)
- Blue (53%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (68%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5130, 18.7502, 26.0941 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 15.5130, 18.7502, 26.0941 by changing the saturation by 10% instead.

■ 15.5130, 18.7502,
26.0941

■ 15.5130, 18.7502,
26.0941

219.7780,
245.0662, 296.8639

■ 9.2689, 11.4899,
16.6677

■ 35.3150, 41.3116,
54.4127

■ 4.9755, 6.3974,
9.8384

■ 49.6035, 57.3814,
74.1419

■ 2.2675, 3.0882,
5.1877

■ 67.3042, 77.1566,
98.1424

■ 0.7780, 1.1779,
2.2972

■ 88.7825, 101.0216,
126.8328

■ 0.0000, 0.0436,
0.7296

■ 114.4036,
129.3606, 160.6316

■ 0.0000, 0.0000,
0.0000

144.5330,

162.5581, 199.9573

179.5360,
200.9985, 245.2286

■ 15.5130, 18.7502,
26.0941

■ 15.5130, 18.7502,
26.0941

■ 14.1563, 17.6216,
25.9481

■ 17.1119, 20.0143,
26.2542

■ 13.0261, 16.6190,
25.8141

■ 18.9640, 21.4184,
26.4276

■ 12.1075, 15.7351,
25.6919

■ 21.0818, 22.9694,
26.6153

■ 11.3831, 14.9610,
25.5807

■ 23.4766, 24.6731,
26.8179

■ 10.8326, 14.2860,
25.4794

■ 26.1587, 26.5349,
27.0359

■ 10.3994, 13.6809,
25.3855

■ 29.1381, 28.5601,
27.2698

■ 10.3869, 13.6633,
25.3827

■ 32.4242, 30.7535,
27.5200

■ 36.0261, 33.1200,
27.7869

■ 39.9524, 35.6639,
28.0710

Harmonies

Analogous

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



14.9833, 18.7502, 21.4958



15.5130, 18.7502, 26.0941



16.6665, 18.7502, 29.4818

Triad

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



15.5130, 18.7502, 26.0941



20.7560, 18.7502, 23.9880



17.4534, 18.7502, 12.9649

Complementary

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



15.5130, 18.7502, 26.0941



15.4177, 13.3258, 9.7426

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.



19.0287, 18.7502, 13.4297



15.5130, 18.7502, 26.0941



20.9972, 18.7502, 19.3725

Square

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



15.5130, 18.7502, 26.0941



19.7073, 18.7502, 28.1463



20.3484, 18.7502, 15.6275



16.0600, 18.7502, 14.2487

Rectangle

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



15.5130, 18.7502, 26.0941



17.6654, 18.7502, 30.3532



20.3484, 18.7502, 15.6275



17.9785, 18.7502, 12.9253

Sweetspot

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



15.5136, 18.7509, 26.0945



36.1524, 39.7545, 46.8163



14.1340, 20.1424, 12.8386



8.2763, 9.1367, 10.8337



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.



15.5136, 18.7509, 26.0945



25.0933, 31.1790, 45.7440



12.5680, 12.8598, 25.1127



5.1031, 5.5492, 6.4080



9.8364, 12.9432, 24.0255



0.0741, 0.1034, 0.1625

Inverse Universe

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



17.0019, 12.8016, 21.6544



28.1872, 19.3954, 36.3828



18.0497, 18.5898, 10.6200



5.1987, 5.1149, 6.1347



12.4518, 6.0908, 15.4153



0.0871, 0.0422, 0.1256

Previews

White Background



This preview shows how the XYZ color 15.5130, 18.7502, 26.0941 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 15.5130, 18.7502, 26.0941 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 15.5130, 18.7502, 26.0941

Background



This preview shows how black text looks on a background with the XYZ color 15.5130, 18.7502, 26.0941.

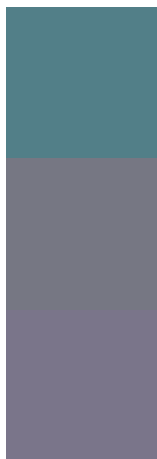


This preview shows how white text looks on a background with the XYZ color 15.5130, 18.7502,

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

15.5130, 18.7502, 26.0941

Protanopia

18.1648, 18.6839, 24.1217

Deuteranopia

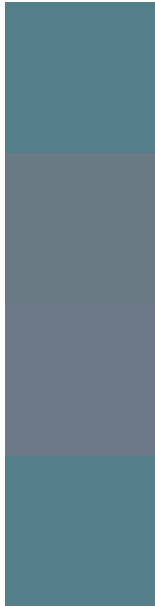
18.9748, 18.6951, 26.6532



Tritanopia

15.5844, 18.7787, 26.4702

Trichromacy



Original Color

15.5130, 18.7502, 26.0941

Protanomaly

17.0189, 18.6158, 24.8865

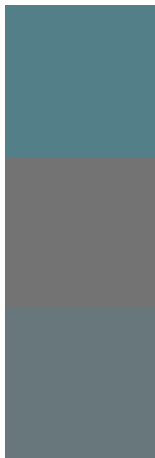
Deuteranomaly

17.4161, 18.6067, 26.3404

Tritanomaly

15.5844, 18.7787, 26.4702

Monochromacy



Original Color

15.5130, 18.7502, 26.0941

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.7655, 17.5073, 21.2872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5130, 18.7502, 26.0941 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, 127, 136)` looks like.

```
.text, #text, p{  
    color:rgb(82, 127, 136)  
}
```

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, 127, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 127, 136) }
```

Border

The CSS property to change the border of an element to XYZ 15.5130, 18.7502, 26.0941 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, 127, 136) }
```


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

```
.border{ border-color:rgb(82, 127, 136) }
```

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

Here you see how a box with a 4 pixel rgb(82, 127, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 127, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 127, 136);  
box-shadow:4px 4px 4px 4px rgb(82, 127,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5130, 18.7502, 26.0941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 127, 136) }
```

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

```
.background{ background-color: rgb(82, 127,  
136) }
```

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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