

Converting Colors

XYZ(15.5676, 18.5549, 24.3218)

Have a look what the booklet for
XYZ(15.5676, 18.5549, 24.3218)
contains.

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Color

**XYZ(15.5821, 18.6351,
24.2484)**

Conversions

Conversions Part 1

Format	Color
Hex	587E83
RGB	88, 126, 131
RGB Percent	35%, 49%, 51%
CMY	0.6549, 0.5059, 0.4863
CMYK	0.33, 0.04, 0.00, 0.49
HSL	187°, 20%, 43%
HSV	187°, 33%, 51%
XYZ	15.5821, 18.6351, 24.2484
YIQ	115.2080, -24.2530, -6.5010

Conversions

Conversions Part 2

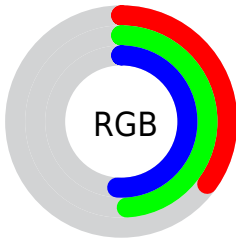
Format	Color
R_{YB}	88, 108, 131
Decimal	5799555
CIE _{Lab}	50.26, -11.94, -6.99
CIE _{LCh}	50, 13.837, 210.349
Yxy	18.6351, 0.2665, 0.3187
Android (android.graphics.Color)	4283989635 (0xFF587E83)
YUV	115.2080, 7.7855, -23.8614
Hunter-Lab	43.1684, -11.1132, -3.0863

Details

The XYZ color **15.5821, 18.6351, 24.2484** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.0362, 13.3588, 11.0190**, and the grayscale version is **16.3416, 17.1927, 18.7228**.

A 20% lighter version of the original color is **35.4193, 41.1899, 51.4310**, and **5.0136, 6.3483, 8.9437** is the 20% darker color. If you saturate the color by 10%, you get **14.2587, 17.6664, 24.1315**, and if you desaturate by 10%, it is **17.1325, 19.7261, 24.3776**.

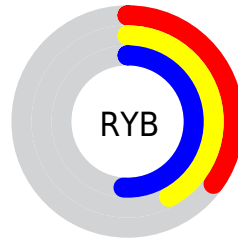
Distribution



Red (35%)

Green (49%)

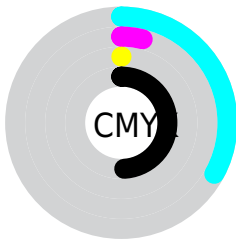
Blue (51%)



Red (35%)

Yellow (42%)

Blue (51%)

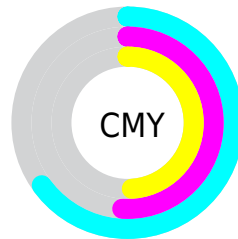


Cyan (33%)

Magenta (4%)

Yellow (0%)

Black (49%)



Cyan (65%)

Magenta (51%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5821, 18.6351, 24.2484 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 15.5821, 18.6351, 24.2484 by changing the saturation by 10% instead.

■ 15.5821, 18.6351,
24.2484

■ 15.5821, 18.6351,
24.2484

220.1822,
244.4268, 287.4008

■ 9.3179, 11.4069,
15.3041

■ 35.4345, 41.1166,
51.3842

■ 5.0079, 6.3412,
8.8841

■ 49.7534, 57.1387,
70.4127

■ 2.2867, 3.0537,
4.5699

■ 67.4879, 76.8608,
93.6397

■ 0.7878, 1.1598,
1.9429

■ 89.0034, 100.6675,
121.4837

■ 0.0000, 0.0285,
0.5198

■ 114.6653,
128.9430, 154.3633

■ 0.0000, 0.0000,
0.0000

144.8387,

162.0718, 192.6970

179.8893,
200.4383, 236.9033

■ 15.5821, 18.6351,
24.2484

■ 15.5821, 18.6351,
24.2484

■ 14.2587, 17.6664,
24.1315

■ 17.1325, 19.7261,
24.3776

■ 13.1486, 16.8116,
24.0250

■ 18.9192, 20.9429,
24.5183

■ 12.2393, 16.0647,
23.9288

■ 20.9531, 22.2916,
24.6714

■ 11.5163, 15.4182,
23.8421

■ 23.2440, 23.7772,
24.8374

■ 10.9631, 14.8635,
23.7642

■ 25.8009, 25.4044,
25.0167

■ 10.5601, 14.3906,
23.6941

■ 28.6328, 27.1779,
25.2098

■ 10.3160, 14.0771,
23.6465

■ 31.7478, 29.1019,
25.4170

■ 35.1540, 31.1804,
25.6387

■ 38.8589, 33.4176,
25.8752

Harmonies

Analogous

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



15.2605, 18.6351, 20.3355



15.5821, 18.6351, 24.2484



16.4688, 18.6351, 27.3960

Triad

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



15.5821, 18.6351, 24.2484



20.0449, 18.6351, 24.1608



17.6964, 18.6351, 13.7747

Complementary

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



15.5821, 18.6351, 24.2484



15.0362, 13.3588, 11.0190

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.



19.0164, 18.6351, 14.5338



15.5821, 18.6351, 24.2484



20.4132, 18.6351, 20.2455

Square

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



15.5821, 18.6351, 24.2484



19.0450, 18.6351, 27.3411



20.0279, 18.6351, 16.7885



16.4429, 18.6351, 14.5698

Rectangle

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



15.5821, 18.6351, 24.2484



17.2840, 18.6351, 28.4614



20.0279, 18.6351, 16.7885



18.1472, 18.6351, 13.8553

Sweetspot

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



15.5827, 18.6358, 24.2488



34.7808, 38.1069, 43.9754



14.0861, 19.0856, 13.1361



7.9994, 8.8064, 10.2309



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.



15.5827, 18.6358, 24.2488



26.1864, 32.1221, 43.2732



13.1936, 13.8578, 23.4525



4.7567, 5.1890, 5.9516



10.1556, 13.8590, 23.2765



0.0384, 0.0545, 0.0817

Inverse Universe

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



16.6162, 13.3116, 21.4331



28.3545, 21.2338, 37.3034



17.1167, 17.5198, 11.7125



4.8352, 4.7538, 5.7445



12.3042, 5.9860, 16.7060



0.0443, 0.0214, 0.0665

Previews

White Background



This preview shows how the XYZ color 15.5821, 18.6351, 24.2484 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 15.5821, 18.6351, 24.2484 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

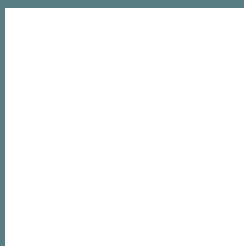
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5821, 18.6351, 24.2484

Background



This preview shows how black text looks on a background with the XYZ color 15.5821, 18.6351, 24.2484.



This preview shows how white text looks on a background with the XYZ color 15.5821, 18.6351,

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

15.5821, 18.6351, 24.2484

Protanopia

17.8521, 18.3852, 22.3464

Deuteranopia

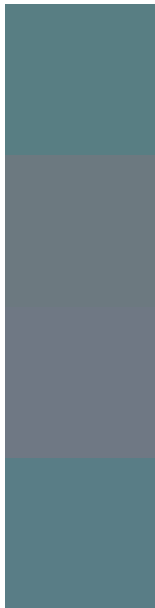
18.7912, 18.4693, 24.7648



Tritanopia

15.8266, 18.5403, 25.6662

Trichromacy



Original Color

15.5821, 18.6351, 24.2484

Protanomaly

16.9180, 18.4214, 23.0861

Deuteranomaly

17.4369, 18.4784, 24.4775

Tritanomaly

15.7565, 18.5123, 25.2970

Monochromacy



Original Color

15.5821, 18.6351, 24.2484

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.8737, 17.5774, 20.6453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5821, 18.6351, 24.2484 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(88, 126, 131)` looks like.

```
.text, #text, p{  
  color:rgb(88, 126, 131)  
}
```

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(88, 126, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 126, 131) }
```

Border

The CSS property to change the border of an element to XYZ 15.5821, 18.6351, 24.2484 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(88, 126, 131) }
```


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

```
.border{ border-color:rgb(88, 126, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 126, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 126, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 126, 131);  
box-shadow:4px 4px 4px 4px rgb(88, 126,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5821, 18.6351, 24.2484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 126, 131) }
```

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

```
.background{ background-color: rgb(88, 126,  
131) }
```

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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