

Converting Colors

XYZ(15.8816, 18.5848, 24.9405)

Have a look what the booklet for
XYZ(15.8816, 18.5848, 24.9405)
contains.

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Color

**XYZ(15.8816, 18.5848,
24.9405)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7D85
RGB	91, 125, 133
RGB Percent	36%, 49%, 52%
CMY	0.6431, 0.5098, 0.4784
CMYK	0.32, 0.06, 0.00, 0.48
HSL	191°, 19%, 44%
HSV	191°, 32%, 52%
XYZ	15.8816, 18.5848, 24.9405
YIQ	115.7460, -22.8320, -4.7200

Conversions

Conversions Part 2

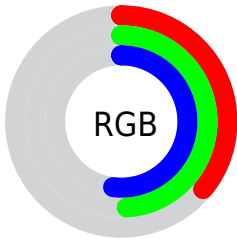
Format	Color
R_{YB}	91, 110, 133
Decimal	5995909
CIE _{Lab}	50.20, -9.94, -8.24
CIE _{LCh}	50, 12.910, 219.644
Yxy	18.5848, 0.2673, 0.3128
Android (android.graphics.Color)	4284185989 (0xFF5B7D85)
YUV	115.7460, 8.5062, -21.7022
Hunter-Lab	43.1101, -9.6839, -4.1240

Details

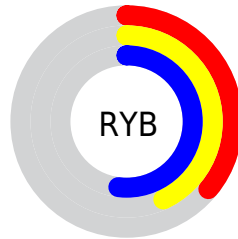
The XYZ color **15.8816, 18.5848, 24.9405** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.0233, 14.6657, 11.8841**, and the grayscale version is **16.5030, 17.3624, 18.9077**.

A 20% lighter version of the original color is **35.9386, 41.1367, 52.5004**, and **5.1809, 6.3226, 9.3348** is the 20% darker color. If you saturate the color by 10%, you get **14.3685, 17.3352, 24.7794**, and if you desaturate by 10%, it is **17.6364, 19.9720, 25.1161**.

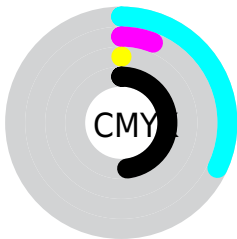
Distribution



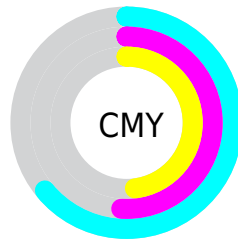
- Red (36%)
- Green (49%)
- Blue (52%)



- Red (36%)
- Yellow (43%)
- Blue (52%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (48%)



- Cyan (64%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8816, 18.5848, 24.9405 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 15.8816, 18.5848, 24.9405 by changing the saturation by 10% instead.

■ 15.8816, 18.5848,
24.9405

■ 15.8816, 18.5848,
24.9405

221.9262,
244.1469, 290.9797

■ 9.5307, 11.3707,
15.8141

■ 35.9516, 41.0313,
52.5236

■ 5.1488, 6.3167,
9.2398

■ 50.4015, 57.0325,
71.8174

■ 2.3705, 3.0386,
4.7990

■ 68.2818, 76.7314,
95.3374

■ 0.8304, 1.1519,
2.0731

■ 89.9578, 100.5126,
123.5022

■ 0.0000, 0.0219,
0.5997

115.7949,
128.7603, 156.7303

■ 0.0000, 0.0000,
0.0000

146.1584,

161.8590, 195.4402

181.4137,
200.1931, 240.0505

■ 15.8816, 18.5848,
24.9405

■ 15.8816, 18.5848,
24.9405

■ 14.3685, 17.3352,
24.7794

■ 17.6364, 19.9720,
25.1161

■ 13.0831, 16.2147,
24.6308

■ 19.6427, 21.5006,
25.3054

■ 12.0125, 15.2168,
24.4946

■ 21.9116, 23.1770,
25.5094

■ 11.1417, 14.3338,
24.3701

■ 24.4533, 25.0064,
25.7285

■ 10.4539, 13.5569,
24.2564

■ 27.2773, 26.9937,
25.9633

■ 9.9293, 12.8758,
24.1526

■ 30.3925, 29.1439,
26.2141

■ 9.5617, 12.3495,
24.0704

■ 33.8078, 31.4613,
26.4814

■ 37.5312, 33.9503,
26.7656

■ 41.5709, 36.6152,
27.0671

Harmonies

Analogous

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



15.4044, 18.5848, 21.4079



15.8816, 18.5848, 24.9405



16.8433, 18.5848, 27.3804

Triad

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



15.8816, 18.5848, 24.9405



20.0089, 18.5848, 22.7196



17.2657, 18.5848, 14.1928

Complementary

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



15.8816, 18.5848, 24.9405



16.0233, 14.6657, 11.8841

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.



18.5115, 18.5848, 14.4564



15.8816, 18.5848, 24.9405



20.1351, 18.5848, 19.1070

Square

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



15.8816, 18.5848, 24.9405



19.2386, 18.5848, 25.9972



19.5756, 18.5848, 16.1632



16.1783, 18.5848, 15.3953

Rectangle

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



15.8816, 18.5848, 24.9405



17.6494, 18.5848, 27.9083



19.5756, 18.5848, 16.1632



17.6792, 18.5848, 14.1165

Sweetspot

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



15.8822, 18.5855, 24.9409



36.0967, 39.1910, 45.4005



14.9401, 19.8947, 14.7823



8.0212, 8.7465, 10.2182



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.



15.8822, 18.5855, 24.9409



26.4252, 31.6278, 44.4504



13.5289, 13.8791, 24.1565



4.7283, 5.1322, 5.9422



9.1130, 11.7739, 22.9290



0.0364, 0.0504, 0.0810

Inverse Universe

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



17.1161, 13.9498, 21.1933



29.0529, 22.1195, 36.3877



18.2420, 19.1031, 12.6237



4.8209, 4.7480, 5.6691



11.7780, 5.7755, 13.9349



0.0432, 0.0210, 0.0611

Previews

White Background



This preview shows how the XYZ color 15.8816, 18.5848, 24.9405 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 15.8816, 18.5848, 24.9405 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

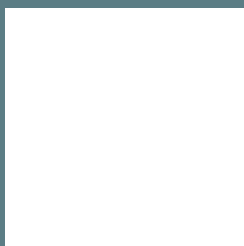
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8816, 18.5848, 24.9405

Background



This preview shows how black text looks on a background with the XYZ color 15.8816, 18.5848, 24.9405.



This preview shows how white text looks on a background with the XYZ color 15.8816, 18.5848,

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

15.8816, 18.5848, 24.9405

Protanopia

17.9121, 18.3934, 23.3751

Deuteranopia

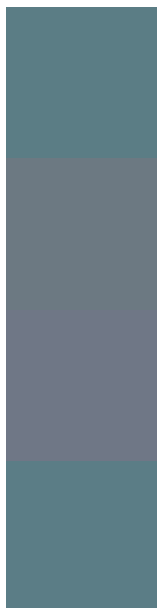
18.7869, 18.4510, 25.4929



Tritanopia

16.0212, 18.6406, 25.6753

Trichromacy



Original Color

15.8816, 18.5848, 24.9405

Protanomaly

17.0510, 18.4746, 23.7864

Deuteranomaly

17.4554, 18.2944, 25.1654

Tritanomaly

15.9511, 18.6126, 25.3061

Monochromacy



Original Color

15.8816, 18.5848, 24.9405

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.1731, 17.7246, 20.9811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8816, 18.5848, 24.9405 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(91, 125, 133)` looks like.

```
.text, #text, p{  
    color:rgb(91, 125, 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(91, 125, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 125, 133) }
```

Border

The CSS property to change the border of an element to XYZ 15.8816, 18.5848, 24.9405 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(91, 125, 133) }
```


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

```
.border{ border-color:rgb(91, 125, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 125, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 125, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 125, 133);  
box-shadow:4px 4px 4px 4px rgb(91, 125,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8816, 18.5848, 24.9405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 125, 133) }
```

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

```
.background{ background-color: rgb(91, 125,  
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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