

Converting Colors

XYZ(15.8900, 17.9502, 23.9585)

Have a look what the booklet for
XYZ(15.8900, 17.9502, 23.9585)
contains.

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Color

**XYZ(15.8639, 17.8548,
24.0829)**

Conversions

Conversions Part 1

Format	Color
Hex	617983
RGB	97, 121, 131
RGB Percent	38%, 47%, 51%
CMY	0.6196, 0.5255, 0.4863
CMYK	0.26, 0.08, 0.00, 0.49
HSL	198°, 15%, 45%
HSV	198°, 26%, 51%
XYZ	15.8639, 17.8548, 24.0829
YIQ	114.9640, -17.5140, -1.9780

Conversions

Conversions Part 2

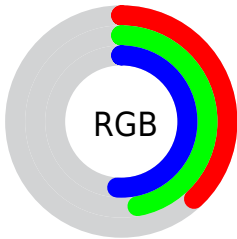
Format	Color
R_{YB}	97, 111, 131
Decimal	6388099
CIE Lab	49.32, -6.26, -8.33
CIE LCh	49, 10.420, 233.093
Yxy	17.8548, 0.2745, 0.3089
Android (android.graphics.Color)	4284578179 (0xFF617983)
YUV	114.9640, 7.9057, -15.7544
Hunter-Lab	42.2549, -6.9314, -4.2135

Details

The XYZ color **15.8639, 17.8548, 24.0829** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7757, 16.2040, 13.5533**, and the grayscale version is **16.2658, 17.1129, 18.6360**.

A 20% lighter version of the original color is **35.8080, 39.6437, 51.1121**, and **5.1070, 5.8969, 8.8517** is the 20% darker color. If you saturate the color by 10%, you get **14.1229, 16.2765, 23.8703**, and if you desaturate by 10%, it is **17.8552, 19.5908, 24.3133**.

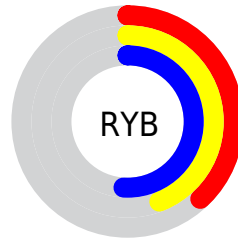
Distribution



Red (38%)

Green (47%)

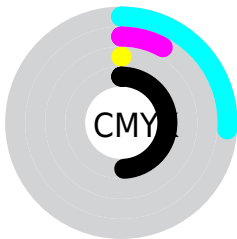
Blue (51%)



Red (38%)

Yellow (44%)

Blue (51%)

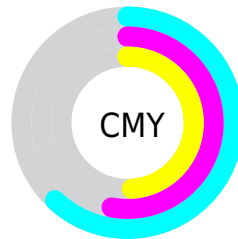


Cyan (26%)

Magenta (8%)

Yellow (0%)

Black (49%)



Cyan (62%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8639, 17.8548, 24.0829 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 15.8639, 17.8548, 24.0829 by changing the saturation by 10% instead.

■ 15.8639, 17.8548,
24.0829

■ 15.8639, 17.8548,
24.0829

221.8235,
240.0514, 286.5394

■ 9.5181, 10.8458,
15.1824

■ 35.9211, 39.7898,
51.1110

■ 5.1405, 5.9632,
8.7994

■ 50.3633, 55.4845,
70.0756

■ 2.3655, 2.8227,
4.5156

■ 68.2350, 74.8433,
93.2320

■ 0.8279, 1.0399,
1.9122

■ 89.9015, 98.2504,
120.9987

■ 0.0000, 0.0000,
0.5005

115.7283,
126.0905, 153.7942

■ 0.0000, 0.0000,
0.0000

146.0806,

158.7477, 192.0372

181.3239,
196.6065, 236.1460

■ 15.8639, 17.8548,
24.0829

■ 15.8639, 17.8548,
24.0829

■ 14.1229, 16.2765,
23.8703

■ 17.8552, 19.5908,
24.3133

■ 12.6192, 14.8475,
23.6737

■ 20.1059, 21.4881,
24.5609

■ 11.3406, 13.5617,
23.4930

■ 22.6267, 23.5531,
24.8266

■ 10.2736, 12.4118,
23.3272

■ 25.4271, 25.7909,
25.1110

■ 9.4029, 11.3895,
23.1758

■ 28.5162, 28.2065,
25.4144

■ 8.7109, 10.4855,
23.0378

■ 31.9026, 30.8047,
25.7374

■ 8.1689, 9.6845,
22.9117

■ 35.5946, 33.5900,
26.0805

■ 7.9652, 9.3756,
22.8629

■ 39.6001, 36.5667,
26.4439

■ 43.9266, 39.7391,
26.8282

Harmonies

Analogous

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



15.2955, 17.8548, 21.6352



15.8639, 17.8548, 24.0829



16.7449, 17.8548, 25.3051

Triad

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



15.8639, 17.8548, 24.0829



18.9106, 17.8548, 20.0970



16.2421, 17.8548, 14.8874

Complementary

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



15.8639, 17.8548, 24.0829



16.7757, 16.2040, 13.5533

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.



17.1981, 17.8548, 14.5607



15.8639, 17.8548, 24.0829



18.7634, 17.8548, 17.4002

Square

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



15.8639, 17.8548, 24.0829



18.5221, 17.8548, 22.8648



18.1273, 17.8548, 15.4373



15.5079, 17.8548, 16.3770

Rectangle

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



15.8639, 17.8548, 24.0829



17.4009, 17.8548, 25.1848



18.1273, 17.8548, 15.4373



16.5472, 17.8548, 14.6443

Sweetspot

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



15.8644, 17.8555, 24.0833



35.0642, 37.6963, 43.8812



15.6811, 19.8282, 16.8102



8.0344, 8.6682, 10.2024



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.



15.8644, 17.8555, 24.0833



26.5592, 30.3122, 42.9042



14.0143, 14.1552, 23.4666



4.6891, 5.0537, 5.9291



7.8428, 9.2335, 22.5056



0.0335, 0.0447, 0.0801

Inverse Universe

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



17.0864, 14.7557, 20.0375



29.1665, 23.9470, 34.2162



18.6799, 20.0123, 14.1880



4.8011, 4.7401, 5.5648



11.1368, 5.5191, 10.5587



0.0418, 0.0204, 0.0534

Previews

White Background



This preview shows how the XYZ color 15.8639, 17.8548, 24.0829 looks on a white 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

Black Background



This preview shows how the XYZ color 15.8639, 17.8548, 24.0829 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

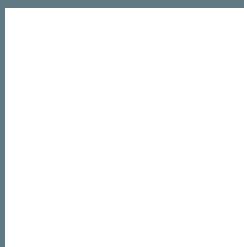
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8639, 17.8548, 24.0829

Background



This preview shows how black text looks on a background with the XYZ color 15.8639, 17.8548, 24.0829.



This preview shows how white text looks on a background with the XYZ color 15.8639, 17.8548,

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

15.8639, 17.8548, 24.0829

Protanopia

17.3441, 17.7623, 22.9364

Deuteranopia

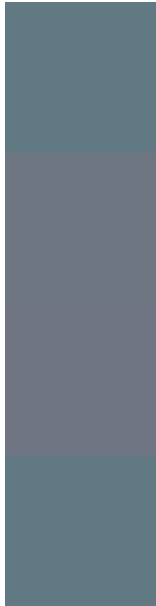
18.0673, 17.7655, 24.3066



Tritanopia

15.8639, 17.8548, 24.0829

Trichromacy



Original Color

15.8639, 17.8548, 24.0829

Protanomaly

16.7476, 17.7931, 23.3206

Deuteranomaly

17.2082, 17.8333, 24.3650

Tritanomaly

15.8639, 17.8548, 24.0829

Monochromacy



Original Color

15.8639, 17.8548, 24.0829

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.9968, 17.2912, 20.5836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8639, 17.8548, 24.0829 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(97, 121, 131) looks like.

```
.text, #text, p{  
    color:rgb(97, 121, 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(97, 121, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 121, 131) }
```

Border

The CSS property to change the border of an element to XYZ 15.8639, 17.8548, 24.0829 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(97, 121, 131) }
```


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

```
.border{ border-color:rgb(97, 121, 131) }
```

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

Here you see how a box with a 4 pixel rgb(97, 121, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 121, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 121, 131);  
box-shadow:4px 4px 4px 4px rgb(97, 121,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8639, 17.8548, 24.0829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 121, 131) }
```

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

```
.background{ background-color: rgb(97, 121,  
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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