

Converting Colors

XYZ(15.3975, 18.0499, 23.4413)

Have a look what the booklet for
XYZ(15.3975, 18.0499, 23.4413)
contains.

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Color

**XYZ(15.3598, 17.9750,
23.4289)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7B81
RGB	91, 123, 129
RGB Percent	36%, 48%, 51%
CMY	0.6431, 0.5176, 0.4941
CMYK	0.29, 0.05, 0.00, 0.49
HSL	189°, 17%, 43%
HSV	189°, 29%, 51%
XYZ	15.3598, 17.9750, 23.4289
YIQ	114.1160, -20.9980, -4.9180

Conversions

Conversions Part 2

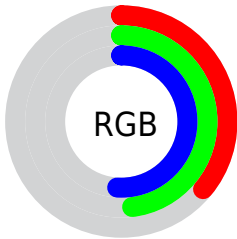
Format	Color
R _Y B	91, 108, 129
Decimal	5995393
CIE Lab	49.47, -9.84, -6.98
CIE LCh	49, 12.057, 215.344
Yxy	17.9750, 0.2706, 0.3167
Android (android.graphics.Color)	4284185473 (0xFF5B7B81)
YUV	114.1160, 7.3378, -20.2727
Hunter-Lab	42.3969, -9.5266, -3.0863

Details

The XYZ color **15.3598, 17.9750, 23.4289** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.2166, 13.9721, 11.7929**, and the grayscale version is **16.0126, 16.8465, 18.3459**.

A 20% lighter version of the original color is **34.9288, 39.7881, 50.0949**, and **4.8930, 5.9903, 8.4878** is the 20% darker color. If you saturate the color by 10%, you get **13.9460, 16.8754, 23.2915**, and if you desaturate by 10%, it is **16.9986, 19.1992, 23.5791**.

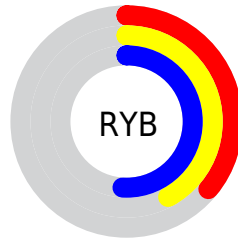
Distribution



Red (36%)

Green (48%)

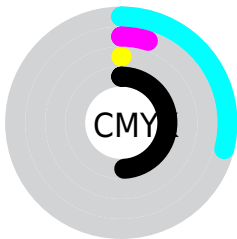
Blue (51%)



Red (36%)

Yellow (42%)

Blue (51%)

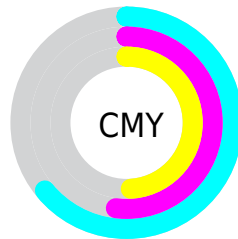


Cyan (29%)

Magenta (5%)

Yellow (0%)

Black (49%)



Cyan (64%)

Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3598, 17.9750, 23.4289 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 15.3598, 17.9750, 23.4289 by changing the saturation by 10% instead.

■ 15.3598, 17.9750,
23.4289

■ 15.3598, 17.9750,
23.4289

218.8792,
240.7301, 283.1133

■ 9.1602, 10.9320,
14.7023

■ 35.0496, 39.9947,
50.0287

■ 4.9038, 6.0212,
8.4664

■ 49.2707, 55.7403,
68.7390

■ 2.2251, 2.8579,
4.3028

■ 66.8962, 75.1555,
91.6142

■ 0.7559, 1.0580,
1.7929

■ 88.2916, 98.6247,
119.0729

■ 0.0000, 0.0000,
0.4232

113.8223,
126.5324, 151.5336

■ 0.0000, 0.0000,
0.0000

143.8535,

159.2629, 189.4149

178.7507,
197.2007, 233.1353

■ 15.3598, 17.9750,
23.4289

■ 15.3598, 17.9750,
23.4289

■ 13.9460, 16.8754,
23.2915

■ 16.9986, 19.1992,
23.5791

■ 12.7443, 15.8925,
23.1651

■ 18.8712, 20.5514,
23.7414

■ 11.7431, 15.0207,
23.0496

■ 20.9878, 22.0373,
23.9167

■ 10.9289, 14.2529,
22.9443

■ 23.3577, 23.6617,
24.1053

■ 10.2865, 13.5813,
22.8485

■ 25.9896, 25.4291,
24.3077

■ 9.7983, 12.9968,
22.7614

■ 28.8917, 27.3439,
24.5244

■ 9.4129, 12.4728,
22.6806

■ 32.0720, 29.4101,
24.7556

■ 9.3924, 12.4448,
22.6763

■ 35.5380, 31.6318,
25.0017

■ 39.2972, 34.0127,
25.2631

Harmonies

Analogous

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



14.9956, 17.9750, 20.1617



15.3598, 17.9750, 23.4289



16.1872, 17.9750, 25.8434

Triad

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



15.3598, 17.9750, 23.4289



19.1534, 17.9750, 22.3067



16.8815, 17.9750, 13.9674

Complementary

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



15.3598, 17.9750, 23.4289



15.2166, 13.9721, 11.7929

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.



18.0147, 17.9750, 14.4069



15.3598, 17.9750, 23.4289



19.3593, 17.9750, 18.9934

Square

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



15.3598, 17.9750, 23.4289



18.3832, 17.9750, 25.1467



18.9341, 17.9750, 16.1630



15.8488, 17.9750, 14.8883

Rectangle

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



15.3598, 17.9750, 23.4289



16.9075, 17.9750, 26.5125



18.9341, 17.9750, 16.1630



17.2631, 17.9750, 13.9622

Sweetspot

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



15.3603, 17.9757, 23.4293



33.8813, 36.8648, 42.5224



14.3088, 18.7825, 14.1078



7.5689, 8.2730, 9.6163



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.3603, 17.9757, 23.4293



25.8495, 30.9112, 41.7965



13.2578, 13.7707, 22.7285



4.3905, 4.7749, 5.5035



9.1600, 12.1385, 22.1101



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.3700, 13.5798, 20.4980



27.9813, 21.8828, 35.5503



17.1529, 17.8446, 12.4383



4.4699, 4.4011, 5.2791



11.5005, 5.6199, 14.4913



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.3598, 17.9750, 23.4289 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 15.3598, 17.9750, 23.4289 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

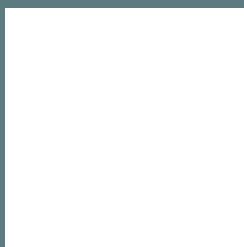
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3598, 17.9750, 23.4289

Background



This preview shows how black text looks on a background with the XYZ color 15.3598, 17.9750, 23.4289.



This preview shows how white text looks on a background with the XYZ color 15.3598, 17.9750,

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

15.3598, 17.9750, 23.4289

Protanopia

17.3991, 17.9852, 21.9565

Deuteranopia

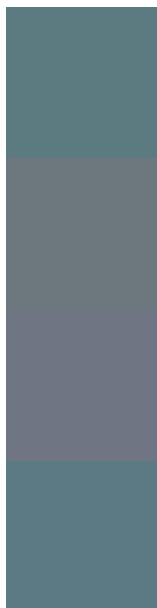
18.1401, 17.8109, 23.9545



Tritanopia

15.5380, 17.8603, 24.4582

Trichromacy



Original Color

15.3598, 17.9750, 23.4289

Protanomaly

16.5471, 17.8882, 22.3193

Deuteranomaly

16.9461, 17.7138, 23.6450

Tritanomaly

15.4699, 17.8331, 24.0995

Monochromacy



Original Color

15.3598, 17.9750, 23.4289

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6349, 17.1187, 19.9329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3598, 17.9750, 23.4289 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, 123, 129) looks like.

```
.text, #text, p{  
    color:rgb(91, 123, 129)  
}
```

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, 123, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 123, 129) }
```

Border

The CSS property to change the border of an element to XYZ 15.3598, 17.9750, 23.4289 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, 123, 129) }
```


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

```
.border{ border-color:rgb(91, 123, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 123, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 123, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 123, 129);  
box-shadow:4px 4px 4px 4px rgb(91, 123,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3598, 17.9750, 23.4289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 123, 129) }
```

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

```
.background{ background-color: rgb(91, 123,  
129) }
```

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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