

Converting Colors

XYZ(18.0049, 18.3196, 23.3669)

Have a look what the booklet for
XYZ(18.0049, 18.3196, 23.3669)
contains.

XYZ(17.9315, 18.2295, 23.3424)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.9315, 18.2295,
23.3424)**

Conversions

Conversions Part 1

Format	Color
Hex	777581
RGB	119, 117, 129
RGB Percent	47%, 46%, 51%
CMY	0.5333, 0.5412, 0.4941
CMYK	0.08, 0.09, 0.00, 0.49
HSL	250°, 5%, 48%
HSV	250°, 9%, 51%
XYZ	17.9315, 18.2295, 23.3424
YIQ	118.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

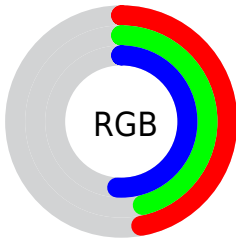
Format	Color
R_{YB}	119, 117, 129
Decimal	7828865
CIE Lab	49.77, 3.26, -6.30
CIE LCh	50, 7.092, 297.382
Yxy	18.2295, 0.3014, 0.3064
Android (android.graphics.Color)	4286018945 (0xFF777581)
YUV	118.9660, 4.9468, 0.0298
Hunter-Lab	42.6960, 0.2485, -2.5273

Details

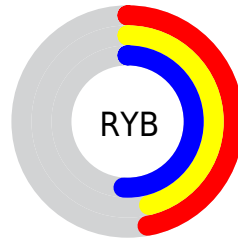
The XYZ color **17.9315, 18.2295, 23.3424** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.8142, 21.4973, 19.9356**, and the grayscale version is **17.5097, 18.4216, 20.0611**.

A 20% lighter version of the original color is **39.4261, 40.4113, 49.9781**, and **6.1746, 6.1750, 8.4559** is the 20% darker color. If you saturate the color by 10%, you get **15.1379, 14.7102, 22.8106**, and if you desaturate by 10%, it is **21.1002, 22.2507, 23.9518**.

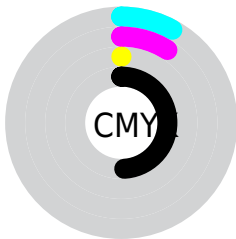
Distribution



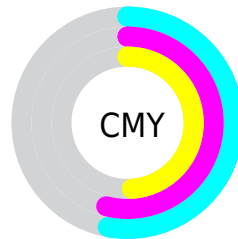
- Red (47%)
- Green (46%)
- Blue (51%)



- Red (47%)
- Yellow (46%)
- Blue (51%)



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)
- Black (49%)



- Cyan (53%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9315, 18.2295, 23.3424 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 17.9315, 18.2295, 23.3424 by changing the saturation by 10% instead.

■ 17.9315, 18.2295,
23.3424

■ 17.9315, 18.2295,
23.3424

233.5377,
242.1615, 282.6575

■ 11.0002, 11.1149,
14.6389

■ 39.4516, 40.4280,
49.8852

■ 6.1343, 6.1442,
8.4225

■ 54.7711, 56.2807,
68.5616

■ 2.9683, 2.9329,
4.2749

■ 73.6173, 75.8148,
91.3994

■ 1.1370, 1.0968,
1.7773

96.3557, 99.4148,
118.8170

■ 0.0558, 0.0000,
0.4129

123.3516,
127.4651, 151.2331

■ 0.0000, 0.0000,
0.0000

154.9703,

160.3500, 189.0662

191.5772,
198.4540, 232.7348

■ 17.9315, 18.2295,
23.3424

■ 17.9315, 18.2295,
23.3424

■ 15.1379, 14.7102,
22.8106

■ 21.1002, 22.2507,
23.9518

■ 12.7040, 11.6707,
22.3522

■ 24.6558, 26.7902,
24.6406

■ 10.6153, 9.0910,
21.9644

■ 28.6112, 31.8662,
25.4119

■ 8.8561, 6.9483,
21.6435

■ 32.9784, 37.4956,
26.2684

■ 7.4092, 5.2182,
21.3858

■ 37.7691, 43.6945,
27.2124

■ 6.2559, 3.8739,
21.1871

■ 42.9941, 50.4782,
28.2464

■ 5.3753, 2.8850,
21.0427

■ 48.6641, 57.8617,
29.3727

■ 4.7438, 2.2169,
20.9470

■ 54.7894, 65.8592,
30.5935

■ 4.3084, 1.7779,
20.8852

■ 61.3800, 74.4845,
31.9110

Harmonies

Analogous

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



17.2673, 18.2295, 23.8059



17.9315, 18.2295, 23.3424



18.4450, 18.2295, 21.9245

Triad

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



17.9315, 18.2295, 23.3424



18.0370, 18.2295, 16.8747



16.0599, 18.2295, 19.6792

Complementary

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



17.9315, 18.2295, 23.3424



19.8142, 21.4973, 19.9356

Split Complementary

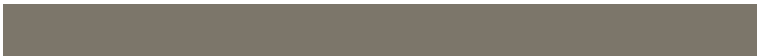
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.2543, 18.2295, 17.9085



17.9315, 18.2295, 23.3424



17.3861, 18.2295, 16.3565

Square

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



17.9315, 18.2295, 23.3424



18.5070, 18.2295, 18.1850



16.7354, 18.2295, 16.7225



16.1975, 18.2295, 21.6112

Rectangle

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



17.9315, 18.2295, 23.3424



18.6266, 18.2295, 20.6735



16.7354, 18.2295, 16.7225



16.0885, 18.2295, 19.0464

Sweetspot

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



17.9320, 18.2303, 23.3428



35.5665, 37.0243, 42.4643



18.9144, 20.5978, 23.7480



7.9555, 8.2598, 9.5934



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.



17.9320, 18.2303, 23.3428



31.0807, 31.3428, 41.6041



18.7526, 18.6533, 23.3812



4.1705, 4.2435, 5.4125



4.1777, 1.7074, 20.3593



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.2459, 18.9228, 22.7176



33.8960, 32.8271, 40.2504



18.9749, 21.0647, 19.8963



4.4684, 4.4005, 5.2709



11.4423, 5.5966, 14.1848



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.9315, 18.2295, 23.3424 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 17.9315, 18.2295, 23.3424 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

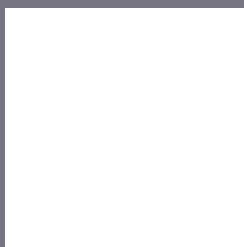
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9315, 18.2295, 23.3424

Background



This preview shows how black text looks on a background with the XYZ color 17.9315, 18.2295, 23.3424.



This preview shows how white text looks on a background with the XYZ color 17.9315, 18.2295,

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

17.9315, 18.2295, 23.3424

Protanopia

17.7770, 18.3238, 23.3688

Deuteranopia

18.5506, 18.2064, 23.3053



Tritanopia

17.7998, 18.1768, 22.6490

Trichromacy



Original Color

17.9315, 18.2295, 23.3424

Protanomaly

17.9121, 18.3934, 23.3751

Deuteranomaly

18.3762, 18.2867, 23.3300

Tritanomaly

17.8653, 18.2030, 22.9940

Monochromacy



Original Color

17.9315, 18.2295, 23.3424

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.6613, 18.3089, 21.3420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9315, 18.2295, 23.3424 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(119, 117, 129)` looks like.

```
.text, #text, p{  
    color:rgb(119, 117, 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(119, 117, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 117, 129) }
```

Border

The CSS property to change the border of an element to XYZ 17.9315, 18.2295, 23.3424 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(119, 117, 129) }
```


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

```
.border{ border-color:rgb(119, 117, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 117, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 117, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 117, 129); box-shadow:4px 4px 4px 4px rgb(119, 117, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9315, 18.2295, 23.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 117, 129) }
```

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

```
.background{ background-color: rgb(119,  
117, 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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