

Converting Colors

XYZ(23.5190, 27.2113, 33.0572)

Have a look what the booklet for
XYZ(23.5190, 27.2113, 33.0572)
contains.

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Color

**XYZ(23.4310, 27.1637,
32.8623)**

Conversions

Conversions Part 1

Format	Color
Hex	759496
RGB	117, 148, 150
RGB Percent	46%, 58%, 59%
CMY	0.5412, 0.4196, 0.4118
CMYK	0.22, 0.01, 0.00, 0.41
HSL	184°, 14%, 52%
HSV	184°, 22%, 59%
XYZ	23.4310, 27.1637, 32.8623
YIQ	138.9590, -19.1180, -5.9500

Conversions

Conversions Part 2

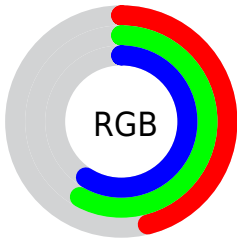
Format	Color
RYB	117, 133, 150
Decimal	7705750
CIELab	59.13, -10.31, -4.63
CIELCh	59, 11.297, 204.189
Yxy	27.1637, 0.2808, 0.3255
Android (android.graphics.Color)	4285895830 (0xFF759496)
YUV	138.9590, 5.4432, -19.2580
Hunter-Lab	52.1188, -10.9598, -0.9008

Details

The XYZ color **23.4310, 27.1637, 32.8623** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.3856, 20.9620, 19.6963**, and the grayscale version is **24.5104, 25.7868, 28.0819**.

A 20% lighter version of the original color is **48.5972, 55.1467, 65.2098**, and **8.9107, 10.6792, 13.3960** is the 20% darker color. If you saturate the color by 10%, you get **21.4332, 25.9239, 32.7287**, and if you desaturate by 10%, it is **25.7545, 28.5745, 33.0126**.

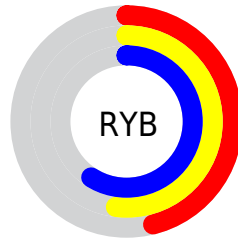
Distribution



Red (46%)

Green (58%)

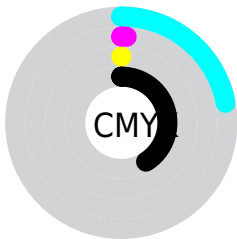
Blue (59%)



Red (46%)

Yellow (52%)

Blue (59%)

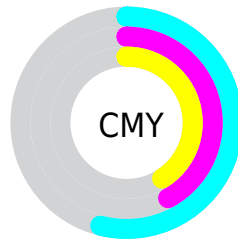


Cyan (22%)

Magenta (1%)

Yellow (0%)

Black (41%)



Cyan (54%)

Magenta (42%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4310, 27.1637, 32.8623 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 23.4310, 27.1637, 32.8623 by changing the saturation by 10% instead.

■ 23.4310, 27.1637,
32.8623

■ 23.4310, 27.1637,
32.8623

262.4252,
288.4489, 329.6418

■ 15.0345, 17.6962,
21.7507

■ 48.5615, 55.1464,
65.2740

■ 8.9301, 10.7321,
13.4773

■ 66.0263, 74.4305,
87.4112

■ 4.7524, 5.8870,
7.6234

■ 87.2445, 97.7555,
114.0608

■ 2.1360, 2.7765,
3.7707

112.5816,
125.5059, 145.6411

■ 0.7087, 1.0162,
1.5004

142.4028,
158.0660, 182.5709

■ 0.0000, 0.0000,
0.2182

177.0736,

■ 0.0000, 0.0000,

195.8203, 225.2685

0.0000

216.9593,
239.1531, 274.1526

■ 23.4310, 27.1637,
32.8623

■ 23.4310, 27.1637,
32.8623

■ 21.4332, 25.9239,
32.7287

■ 25.7545, 28.5745,
33.0126

■ 19.7434, 24.8437,
32.6093

■ 28.4156, 30.1603,
33.1784

■ 18.3457, 23.9158,
32.5039

■ 31.4286, 31.9292,
33.3611

■ 17.2220, 23.1308,
32.4116

■ 34.8062, 33.8878,
33.5611

■ 16.3520, 22.4783,
32.3315

■ 38.5605, 36.0422,
33.7790

■ 15.7128, 21.9463,
32.2625

■ 42.7032, 38.3985,
34.0155

■ 15.2771, 21.5210,
32.2033

■ 47.2451, 40.9623,
34.2710

■ 15.0181, 21.2280,
32.1604

■ 52.1970, 43.7391,
34.5460

■ 57.5689, 46.7342,
34.8409

Harmonies

Analogous

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



23.2222, 27.1637, 28.8001



23.4310, 27.1637, 32.8623



24.2693, 27.1637, 36.3068

Triad

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



23.4310, 27.1637, 32.8623



28.0722, 27.1637, 34.3397



26.0928, 27.1637, 22.5264

Complementary

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



23.4310, 27.1637, 32.8623



22.3856, 20.9620, 19.6963

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.



27.4318, 27.1637, 23.7343



23.4310, 27.1637, 32.8623



28.6009, 27.1637, 30.3671

Square

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



23.4310, 27.1637, 32.8623



26.9414, 27.1637, 37.2124



28.3624, 27.1637, 26.5176



24.7268, 27.1637, 23.0641

Rectangle

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



23.4310, 27.1637, 32.8623



25.0890, 27.1637, 37.6650



28.3624, 27.1637, 26.5176



26.5615, 27.1637, 22.7380

Sweetspot

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



23.4318, 27.1648, 32.8629



47.6573, 51.7480, 58.3978



21.5517, 26.9186, 21.4031



10.5093, 11.4369, 12.9385



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.4318, 27.1648, 32.8629



39.6905, 46.9149, 57.8848



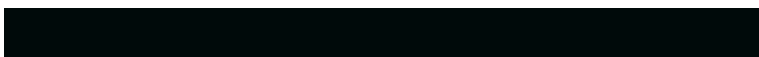
21.0725, 22.4463, 32.0765



5.9344, 6.5027, 7.4121



12.4639, 17.6226, 26.6756



0.1599, 0.2304, 0.3289

Inverse Universe

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



24.2849, 21.3453, 30.8583



41.4577, 34.9623, 53.7090



24.4739, 25.1387, 20.3924



6.0203, 5.9032, 7.2131



14.4183, 6.9724, 21.4815



0.1802, 0.0868, 0.2824

Previews

White Background



This preview shows how the XYZ color 23.4310, 27.1637, 32.8623 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 23.4310, 27.1637, 32.8623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

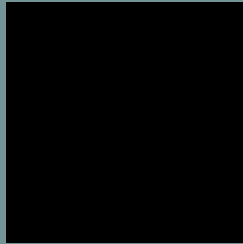
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4310, 27.1637, 32.8623

Background



This preview shows how black text looks on a background with the XYZ color 23.4310, 27.1637, 32.8623.

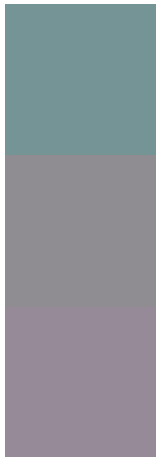


This preview shows how white text looks on a background with the XYZ color 23.4310, 27.1637,

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

23.4310, 27.1637, 32.8623

Protanopia

26.0409, 26.9647, 31.0263

Deuteranopia

27.5185, 27.0233, 33.4714



Tritanopia

24.2130, 27.2580, 36.3329

Trichromacy



Original Color

23.4310, 27.1637, 32.8623

Protanomaly

25.0712, 27.1214, 31.5173

Deuteranomaly

25.9064, 27.0693, 33.1376

Tritanomaly

23.8213, 27.0855, 34.9829

Monochromacy



Original Color

23.4310, 27.1637, 32.8623

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.9910, 26.1545, 29.7705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4310, 27.1637, 32.8623 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(117, 148, 150)` looks like.

```
.text, #text, p{  
    color:rgb(117, 148, 150)  
}
```

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(117, 148, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 148, 150) }
```

Border

The CSS property to change the border of an element to XYZ 23.4310, 27.1637, 32.8623 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(117, 148, 150) }
```


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

```
.border{ border-color:rgb(117, 148, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 148, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 148, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 148, 150);  
box-shadow:4px 4px 4px 4px rgb(117, 148,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4310, 27.1637, 32.8623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 148, 150) }
```

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

```
.background{ background-color: rgb(117,  
148, 150) }
```

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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