

Converting Colors

XYZ(23.1629, 27.3399, 29.2556)

Have a look what the booklet for
XYZ(23.1629, 27.3399, 29.2556)
contains.

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Color

**XYZ(23.1629, 27.3399,
29.2556)**

Conversions

Conversions Part 1

Format	Color
Hex	77958D
RGB	119, 149, 141
RGB Percent	47%, 58%, 55%
CMY	0.5333, 0.4157, 0.4471
CMYK	0.20, 0.00, 0.05, 0.42
HSL	164°, 12%, 53%
HSV	164°, 20%, 58%
XYZ	23.1629, 27.3399, 29.2556
YIQ	139.1180, -15.3120, -8.8480

Conversions

Conversions Part 2

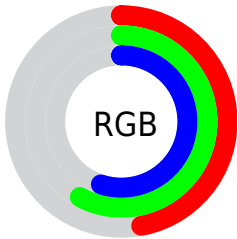
Format	Color
R _Y B	119, 136, 149
Decimal	7837069
CIE Lab	59.29, -12.20, 0.75
CIE LCh	59, 12.227, 176.484
Yxy	27.3399, 0.2904, 0.3428
Android (android.graphics.Color)	4286027149 (0xFF77958D)
YUV	139.1180, 0.9278, -17.6435
Hunter-Lab	52.2876, -12.4294, 3.4277

Details

The XYZ color **23.1629, 27.3399, 29.2556** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.8230, 21.1162, 22.9528**, and the grayscale version is **24.5874, 25.8679, 28.1701**.

A 20% lighter version of the original color is **48.2195, 55.4227, 59.7860**, and **8.7818, 10.7928, 11.5179** is the 20% darker color. If you saturate the color by 10%, you get **20.9859, 26.2519, 27.6381**, and if you desaturate by 10%, it is **25.6727, 28.5997, 30.9453**.

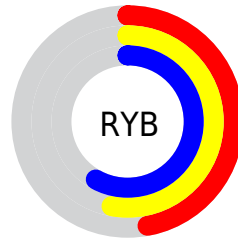
Distribution



Red (47%)

Green (58%)

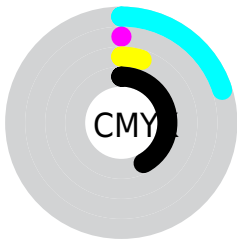
Blue (55%)



Red (47%)

Yellow (53%)

Blue (58%)

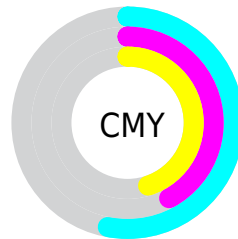


Cyan (20%)

Magenta (0%)

Yellow (5%)

Black (42%)



Cyan (53%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1629, 27.3399, 29.2556 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 23.1629, 27.3399, 29.2556 by changing the saturation by 10% instead.

■ 23.1629, 27.3399,
29.2556

■ 23.1629, 27.3399,
29.2556

261.0803,
289.2991, 312.5176

■ 14.8352, 17.8287,
19.0270

■ 48.1254, 55.4288,
59.5300

■ 8.7894, 10.8270,
11.5128

■ 65.4908, 74.7753,
80.4128

■ 4.6601, 5.9507,
6.2944

■ 86.5996, 98.1690,
105.6842

■ 2.0819, 2.8151,
2.9532

111.8170,
125.9942, 135.7626

■ 0.6794, 1.0360,
1.0708

141.5084,
158.6355, 171.0666

■ 0.0000, 0.0000,
0.0000

176.0392,

196.4771, 212.0148

215.7747,
239.9035, 259.0256

■ 23.1629, 27.3399,
29.2556

■ 23.1629, 27.3399,
29.2556

■ 20.9859, 26.2519,
27.6381

■ 25.6727, 28.5997,
30.9453

■ 19.1243, 25.3246,
26.0896

■ 28.5270, 30.0351,
32.7065

■ 17.5628, 24.5507,
24.6093

■ 31.7399, 31.6541,
34.5409

■ 16.2837, 23.9213,
23.1960

■ 35.3237, 33.4631,
36.4499

■ 15.2674, 23.4262,
21.8480

■ 39.2904, 35.4682,
38.4343

■ 14.4918, 23.0539,
20.5638

■ 43.6514, 37.6753,
40.4954

■ 13.9310, 22.7913,
19.3414

■ 48.4176, 40.0900,
42.6341

■ 13.5223, 22.6056,
18.1924

■ 53.5993, 42.7175,
44.8514

■ 59.2067, 45.5632,
47.1483

Harmonies

Analogous

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



23.6130, 27.3399, 25.3610



23.1629, 27.3399, 29.2556



23.4444, 27.3399, 33.6796

Triad

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



23.1629, 27.3399, 29.2556



27.3178, 27.3399, 37.9504



27.6416, 27.3399, 23.2914

Complementary

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



23.1629, 27.3399, 29.2556



22.8230, 21.1162, 22.9528

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.



28.7044, 27.3399, 26.1725



23.1629, 27.3399, 29.2556



28.5124, 27.3399, 34.6592

Square

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



23.1629, 27.3399, 29.2556



25.8060, 27.3399, 38.9789



29.0291, 27.3399, 30.2874



26.1663, 27.3399, 22.1369

Rectangle

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



23.1629, 27.3399, 29.2556



24.0153, 27.3399, 36.2950



29.0291, 27.3399, 30.2874



28.0611, 27.3399, 24.0754

Sweetspot

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



23.1637, 27.3410, 29.2562



47.9502, 52.2090, 56.6666



22.9051, 27.3785, 21.5305



10.5630, 11.5383, 12.5185



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.



23.1637, 27.3410, 29.2562



39.7127, 48.0767, 51.1152



22.7810, 25.5880, 32.1734



5.8988, 6.5361, 7.0778



11.3931, 19.0300, 15.3776



0.1517, 0.2378, 0.2527

Inverse Universe

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



22.8230, 21.1162, 22.9528



38.9938, 34.9274, 37.8038



23.1221, 22.5164, 20.5806



5.8606, 5.8393, 6.3718



10.7613, 5.5096, 2.2242



0.1426, 0.0718, 0.0845

Previews

White Background



This preview shows how the XYZ color 23.1629, 27.3399, 29.2556 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 23.1629, 27.3399, 29.2556 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

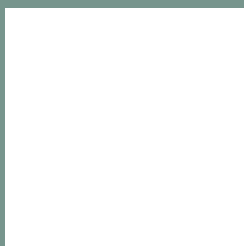
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1629, 27.3399, 29.2556

Background



This preview shows how black text looks on a background with the XYZ color 23.1629, 27.3399, 29.2556.



This preview shows how white text looks on a background with the XYZ color 23.1629, 27.3399,

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

23.1629, 27.3399, 29.2556

Protanopia

26.0424, 27.2631, 27.5566

Deuteranopia

27.7567, 27.2280, 29.7792



Tritanopia

24.4765, 27.1640, 36.3009

Trichromacy



Original Color

23.1629, 27.3399, 29.2556

Protanomaly

24.8662, 27.3200, 28.0075

Deuteranomaly

25.8832, 27.1386, 29.4653

Tritanomaly

23.9864, 27.1994, 33.6916

Monochromacy



Original Color

23.1629, 27.3399, 29.2556

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.0718, 26.4439, 28.6464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1629, 27.3399, 29.2556 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, 149, 141)` looks like.

```
.text, #text, p{  
    color:rgb(119, 149, 141)  
}
```

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, 149, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 149, 141) }
```

Border

The CSS property to change the border of an element to XYZ 23.1629, 27.3399, 29.2556 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, 149, 141) }
```


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

```
.border{ border-color:rgb(119, 149, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 149, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 149, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 149, 141);  
box-shadow:4px 4px 4px 4px rgb(119, 149,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1629, 27.3399, 29.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 149, 141) }
```

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

```
.background{ background-color: rgb(119,  
149, 141) }
```

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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