

Converting Colors

XYZ(23.9995, 29.4979, 31.7011)

Have a look what the booklet for
XYZ(23.9995, 29.4979, 31.7011)
contains.

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Color

**XYZ(23.8868, 29.3630,
31.6028)**

Conversions

Conversions Part 1

Format	Color
Hex	719C92
RGB	113, 156, 146
RGB Percent	44%, 61%, 57%
CMY	0.5569, 0.3882, 0.4274
CMYK	0.28, 0.00, 0.06, 0.39
HSL	166°, 18%, 53%
HSV	166°, 28%, 61%
XYZ	23.8868, 29.3630, 31.6028
YIQ	142.0030, -22.4180, -12.2260

Conversions

Conversions Part 2

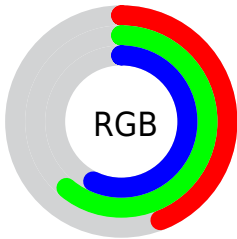
Format	Color
RYB	113, 137, 156
Decimal	7445650
CIELab	61.10, -16.80, 0.51
CIELCh	61, 16.806, 178.252
Yxy	29.3630, 0.2815, 0.3460
Android (android.graphics.Color)	4285635730 (0xFF719C92)
YUV	142.0030, 1.9705, -25.4356
Hunter-Lab	54.1876, -16.1426, 3.3528

Details

The XYZ color **23.8868, 29.3630, 31.6028** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.1916, 20.3089, 21.4377**, and the grayscale version is **25.7118, 27.0508, 29.4583**.

A 20% lighter version of the original color is **49.4455, 58.8657, 63.3997**, and **9.2128, 12.0044, 12.8979** is the 20% darker color. If you saturate the color by 10%, you get **21.7721, 28.3057, 30.0542**, and if you desaturate by 10%, it is **26.3571, 30.6041, 33.2161**.

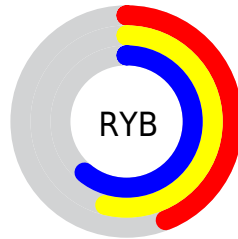
Distribution



Red (44%)

Green (61%)

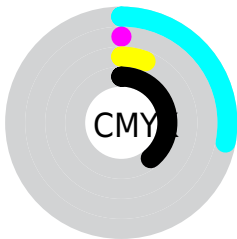
Blue (57%)



Red (44%)

Yellow (54%)

Blue (61%)

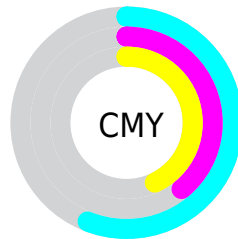


Cyan (28%)

Magenta (0%)

Yellow (6%)

Black (39%)



Cyan (56%)

Magenta (39%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8868, 29.3630, 31.6028 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 23.8868, 29.3630, 31.6028 by changing the saturation by 10% instead.

■ 23.8868, 29.3630,
31.6028

■ 23.8868, 29.3630,
31.6028

264.6988,
298.9239, 323.7427

■ 15.3740, 19.3556,
20.7960

■ 49.3014, 58.6533,
63.2785

■ 9.1703, 11.9275,
12.7852

■ 66.9339, 78.7050,
84.9846

■ 4.9104, 6.6943,
7.1518

■ 88.3370, 102.8736,
111.1607

■ 2.2290, 3.2717,
3.4773

■ 113.8760,
131.5435, 142.2256

■ 0.7580, 1.2752,
1.3432

143.9164,
165.0991, 178.5976

■ 0.0000, 0.1219,
0.0968

178.8234,

■ 0.0000, 0.0000,

203.9248, 220.6955

0.0000

218.9624,
248.4049, 268.9377

■ 23.8868, 29.3630,
31.6028

■ 23.8868, 29.3630,
31.6028

■ 21.7721, 28.3057,
30.0542

■ 26.3571, 30.6041,
33.2161

■ 19.9929, 27.4196,
28.5669

■ 29.1971, 32.0340,
34.8933

■ 18.5306, 26.6958,
27.1405

■ 32.4229, 33.6617,
36.6362

■ 17.3640, 26.1234,
25.7733

■ 36.0491, 35.4948,
38.4458

■ 16.4691, 25.6901,
24.4639

■ 40.0895, 37.5403,
40.3233

■ 15.8181, 25.3816,
23.2105

■ 44.5571, 39.8051,
42.2696

■ 15.3634, 25.1733,
22.0104

■ 49.4646, 42.2954,
44.2857

■ 15.2621, 25.1273,
21.7252

■ 54.8239, 45.0176,
46.3725

■ 60.6465, 47.9775,
48.5311

Harmonies

Analogous

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



24.4607, 29.3630, 26.0057



23.8868, 29.3630, 31.6028



24.3426, 29.3630, 38.0616

Triad

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



23.8868, 29.3630, 31.6028



29.9612, 29.3630, 43.8868



30.1964, 29.3630, 22.7284

Complementary

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



23.8868, 29.3630, 31.6028



23.1916, 20.3089, 21.4377

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.



31.8070, 29.3630, 26.5680



23.8868, 29.3630, 31.6028



31.6663, 29.3630, 38.7859

Square

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



23.8868, 29.3630, 31.6028



27.7797, 29.3630, 45.6881



32.3584, 29.3630, 32.3427



28.0380, 29.3630, 21.3178

Rectangle

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



23.8868, 29.3630, 31.6028



25.1832, 29.3630, 41.8987



32.3584, 29.3630, 32.3427



30.8240, 29.3630, 23.7507

Sweetspot

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



23.8876, 29.3642, 31.6035



52.7023, 58.0162, 63.1892



23.0431, 29.1839, 20.0417



11.4273, 12.6807, 13.8076



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.8876, 29.3642, 31.6035



40.9710, 52.1227, 55.6716



22.8659, 26.0205, 35.2713



6.7558, 7.4831, 8.1487



12.5844, 20.7017, 17.9663



0.2399, 0.3761, 0.3995

Inverse Universe

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



23.1916, 20.3089, 21.4377



39.4973, 32.9159, 34.1229



23.9582, 22.7935, 18.7600



6.6931, 6.6702, 7.2352



11.5706, 5.9328, 1.9900



0.2214, 0.1119, 0.1121

Previews

White Background



This preview shows how the XYZ color 23.8868, 29.3630, 31.6028 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 23.8868, 29.3630, 31.6028 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

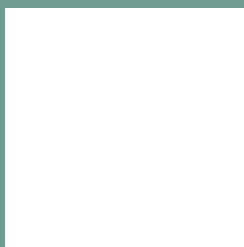
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8868, 29.3630, 31.6028

Background



This preview shows how black text looks on a background with the XYZ color 23.8868, 29.3630, 31.6028.

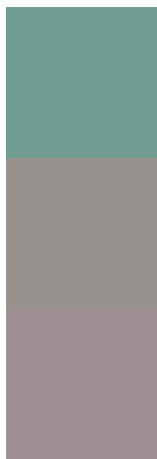


This preview shows how white text looks on a background with the XYZ color 23.8868, 29.3630,

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

23.8868, 29.3630, 31.6028

Protanopia

27.8491, 29.0602, 29.3407

Deuteranopia

29.5950, 28.9895, 32.4695



Tritanopia

25.5189, 29.2810, 39.9041

Trichromacy



Original Color

23.8868, 29.3630, 31.6028

Protanomaly

26.1808, 29.1142, 30.2263

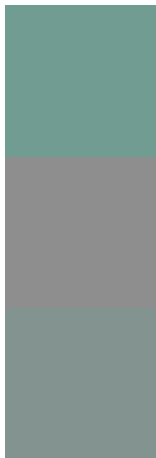
Deuteranomaly

27.1067, 28.8452, 32.1560

Tritanomaly

24.9296, 29.2928, 36.6879

Monochromacy



Original Color

23.8868, 29.3630, 31.6028

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.7517, 27.6759, 30.0240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8868, 29.3630, 31.6028 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(113, 156, 146)` looks like.

```
.text, #text, p{  
    color:rgb(113, 156, 146)  
}
```

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(113, 156, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 156, 146) }
```

Border

The CSS property to change the border of an element to XYZ 23.8868, 29.3630, 31.6028 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(113, 156, 146) }
```


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

```
.border{ border-color:rgb(113, 156, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 156, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 156, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 156, 146);  
box-shadow:4px 4px 4px 4px rgb(113, 156,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8868, 29.3630, 31.6028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 156, 146) }
```

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

```
.background{ background-color: rgb(113,  
156, 146) }
```

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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