

Converting Colors

XYZ(23.1005, 29.0098, 23.9203)

Have a look what the booklet for
XYZ(23.1005, 29.0098, 23.9203)
contains.

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Color

**XYZ(23.1979, 29.1795,
23.8116)**

Conversions

Conversions Part 1

Format	Color
Hex	779C7D
RGB	119, 156, 125
RGB Percent	47%, 61%, 49%
CMY	0.5333, 0.3882, 0.5098
CMYK	0.24, 0.00, 0.20, 0.39
HSL	130°, 16%, 54%
HSV	130°, 24%, 61%
XYZ	23.1979, 29.1795, 23.8116
YIQ	141.4030, -12.1010, -17.4850

Conversions

Conversions Part 2

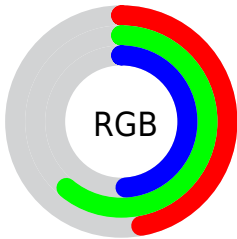
Format	Color
RYB	119, 151, 156
Decimal	7838845
CIELab	60.94, -19.17, 12.16
CIElCh	61, 22.699, 147.612
Yxy	29.1795, 0.3045, 0.3830
Android (android.graphics.Color)	4286028925 (0xFF779C7D)
YUV	141.4030, -8.0867, -19.6474
Hunter-Lab	54.0181, -17.8753, 11.6771

Details

The XYZ color **23.1979, 29.1795, 23.8116** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.8132, 22.4643, 31.8310**, and the grayscale version is **25.5105, 26.8391, 29.2277**.

A 20% lighter version of the original color is **48.3434, 58.5735, 50.8773**, and **8.8819, 11.9270, 8.6715** is the 20% darker color. If you saturate the color by 10%, you get **20.4494, 27.8536, 19.6075**, and if you desaturate by 10%, it is **26.4093, 30.7330, 28.6122**.

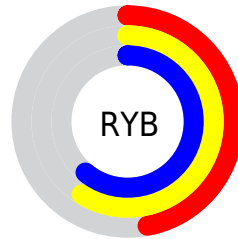
Distribution



Red (47%)

Green (61%)

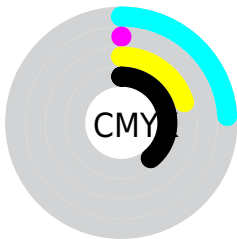
Blue (49%)



Red (47%)

Yellow (59%)

Blue (61%)

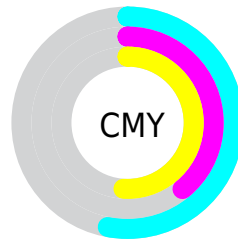


Cyan (24%)

Magenta (0%)

Yellow (20%)

Black (39%)



Cyan (53%)

Magenta (39%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1979, 29.1795, 23.8116 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 23.1979, 29.1795, 23.8116 by changing the saturation by 10% instead.

■ 23.1979, 29.1795,
23.8116

■ 23.1979, 29.1795,
23.8116

261.2562,
298.0609, 285.1224

■ 14.8612, 19.2167,
14.9830

■ 48.1823, 58.3622,
50.6626

■ 8.8077, 11.8269,
8.6610

■ 65.5608, 78.3508,
69.5220

■ 4.6721, 6.6259,
4.4269

■ 86.6839, 102.4501,
92.5622

■ 2.0889, 3.2293,
1.8624

111.9170,
131.0445, 120.2016

■ 0.6832, 1.2526,
0.4686

141.6254,
164.5183, 152.8588

■ 0.0000, 0.1040,
0.0000

176.1745,

■ 0.0000, 0.0000,

203.2561, 190.9523

0.0000

215.9296,
247.6422, 234.9006

■ 23.1979, 29.1795,
23.8116

■ 23.1979, 29.1795,
23.8116

■ 20.4494, 27.8536,
19.6075

■ 26.4093, 30.7330,
28.6122

■ 18.1401, 26.7412,
15.9748

■ 30.1014, 32.5202,
34.0294

■ 16.2477, 25.8319,
12.8894

■ 34.2936, 34.5517,
40.0847

■ 14.7469, 25.1135,
10.3247

■ 39.0037, 36.8361,
46.7978

■ 13.6098, 24.5719,
8.2519

■ 44.2488, 39.3819,
54.1879

■ 12.8044, 24.1916,
6.6395

■ 50.0448, 42.1970,
62.2731

■ 12.2933, 23.9539,
5.4520

■ 56.4074, 45.2888,
71.0709

■ 12.0677, 23.8495,
4.9040

■ 63.3513, 48.6649,
80.5983

■ 69.2519, 51.4871,
90.7949

Harmonies

Analogous

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



25.1776, 29.1795, 19.4001



23.1979, 29.1795, 23.8116



22.4246, 29.1795, 31.0968

Triad

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



23.1979, 29.1795, 23.8116



27.4976, 29.1795, 51.0115



33.0927, 29.1795, 24.7960

Complementary

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



23.1979, 29.1795, 23.8116



25.8132, 22.4643, 31.8310

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.



33.8221, 29.1795, 32.4559



23.1979, 29.1795, 23.8116



30.4583, 29.1795, 48.5255

Square

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



23.1979, 29.1795, 23.8116



24.7943, 29.1795, 47.6298



32.8265, 29.1795, 41.3329



30.8979, 29.1795, 19.8933

Rectangle

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



23.1979, 29.1795, 23.8116



22.6528, 29.1795, 36.9662



32.8265, 29.1795, 41.3329



33.5239, 29.1795, 27.0878

Sweetspot

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



23.1987, 29.1807, 23.8122



52.2766, 57.9042, 58.3112



27.8800, 31.6370, 22.0903



11.4241, 12.7032, 12.7153



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.



23.1987, 29.1807, 23.8122



39.6168, 51.7828, 39.4228



24.4588, 29.6848, 30.4481



6.5924, 7.4177, 7.2885



9.9487, 19.6474, 4.0868



0.1887, 0.3556, 0.1299

Inverse Universe

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



25.8132, 22.4643, 31.8310



45.1376, 37.5958, 56.3520



24.4695, 21.9268, 24.7552



6.8579, 6.7361, 8.1030



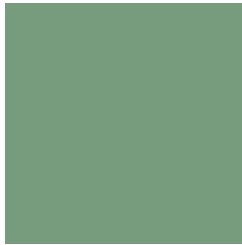
14.6617, 7.1692, 18.2673



0.2734, 0.1327, 0.3859

Previews

White Background



This preview shows how the XYZ color 23.1979, 29.1795, 23.8116 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 23.1979, 29.1795, 23.8116 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 23.1979, 29.1795, 23.8116

Background



This preview shows how black text looks on a background with the XYZ color 23.1979, 29.1795, 23.8116.



This preview shows how white text looks on a background with the XYZ color 23.1979, 29.1795,

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

23.1979, 29.1795, 23.8116

Protanopia

27.1866, 28.8824, 21.9113

Deuteranopia

29.3575, 28.8238, 24.4383



Tritanopia

26.2817, 29.2132, 38.9038

Trichromacy



Original Color

23.1979, 29.1795, 23.8116

Protanomaly

25.5745, 28.9686, 22.6559

Deuteranomaly

26.6873, 28.5741, 24.1875

Tritanomaly

24.9844, 29.1633, 32.7460

Monochromacy



Original Color

23.1979, 29.1795, 23.8116

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.3249, 27.2936, 26.9078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1979, 29.1795, 23.8116 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, 156, 125)` looks like.

```
.text, #text, p{  
    color:rgb(119, 156, 125)  
}
```

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, 156, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 156, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.1979, 29.1795, 23.8116 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, 156, 125) }
```


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

```
.border{ border-color:rgb(119, 156, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 156, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 156, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 156, 125);  
box-shadow:4px 4px 4px 4px rgb(119, 156,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1979, 29.1795, 23.8116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 156, 125) }
```

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

```
.background{ background-color: rgb(119,  
156, 125) }
```

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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