

Converting Colors

XYZ(23.1405, 29.5153, 18.6940)

Have a look what the booklet for
XYZ(23.1405, 29.5153, 18.6940)
contains.

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Color

**XYZ(23.0759, 29.4817,
18.6617)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9D6C
RGB	124, 157, 108
RGB Percent	49%, 62%, 42%
CMY	0.5137, 0.3843, 0.5765
CMYK	0.21, 0.00, 0.31, 0.38
HSL	100°, 20%, 52%
HSV	100°, 31%, 62%
XYZ	23.0759, 29.4817, 18.6617
YIQ	141.5470, -3.9390, -22.2350

Conversions

Conversions Part 2

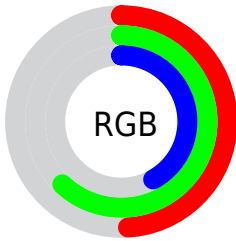
Format	Color
RYB	108, 157, 141
Decimal	8166764
CIELab	61.20, -20.86, 22.02
CIELCh	61, 30.327, 133.452
Yxy	29.4817, 0.3240, 0.4140
Android (android.graphics.Color)	4286356844 (0xFF7C9D6C)
YUV	141.5470, -16.5387, -15.3887
Hunter-Lab	54.2971, -19.1585, 17.6302

Details

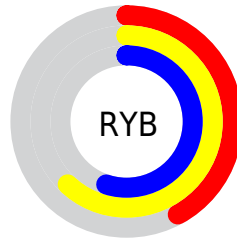
The XYZ color **23.0759, 29.4817, 18.6617** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.4341, 18.8231, 34.3506**, and the grayscale version is **25.5972, 26.9302, 29.3270**.

A 20% lighter version of the original color is **48.0201, 58.9721, 42.1095**, and **8.7937, 12.0902, 6.1451** is the 20% darker color. If you saturate the color by 10%, you get **20.8675, 28.4321, 14.5825**, and if you desaturate by 10%, it is **25.6002, 30.6785, 23.5424**.

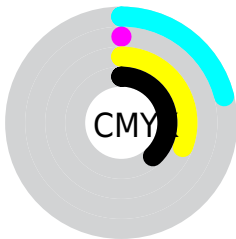
Distribution



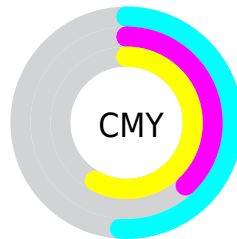
- Red (49%)
- Green (62%)
- Blue (42%)



- Red (42%)
- Yellow (62%)
- Blue (55%)



- Cyan (21%)
- Magenta (0%)
- Yellow (31%)
- Black (38%)



- Cyan (51%)
- Magenta (38%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0759, 29.4817, 18.6617 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 23.0759, 29.4817, 18.6617 by changing the saturation by 10% instead.

■ 23.0759, 29.4817,
18.6617

■ 23.0759, 29.4817,
18.6617

260.6427,
299.4810, 256.9349

■ 14.7706, 19.4455,
11.2518

■ 47.9837, 58.8415,
41.9907

■ 8.7438, 11.9926,
6.1201

■ 65.3168, 78.9340,
58.7469

■ 4.6302, 6.7387,
2.8483

■ 86.3899, 103.1473,
79.4555

■ 2.0645, 3.2992,
1.0177

■ 111.5684,
131.8659, 104.5352

■ 0.6698, 1.2899,
0.0000

141.2175,
165.4742, 134.4044

■ 0.0000, 0.1333,
0.0000

175.7027,

■ 0.0000, 0.0000,

204.3566, 169.4818

0.0000

215.3893,
248.8974, 210.1857

■ 23.0759, 29.4817,
18.6617

■ 23.0759, 29.4817,
18.6617

■ 20.8675, 28.4321,
14.5825

■ 25.6002, 30.6785,
23.5424

■ 18.9596, 27.5201,
11.2602

■ 28.4505, 32.0243,
29.2623

■ 17.3386, 26.7406,
8.6485


■ 31.6394, 33.5255,
35.8591


■ 15.9890, 26.0867,
6.6954


■ 35.1778, 35.1871,
43.3674


■ 14.8936, 25.5508,
5.3419


■ 39.0764, 37.0138,
51.8203


 14.0326, 25.1243,
4.5183

 43.3452, 39.0102,
61.2489

 13.4360, 24.8257,
4.0837

 47.9940, 41.1806,
71.6830

 53.0320, 43.5292,
83.1512

 58.4683, 46.0600,
95.6808

Harmonies

Analogous

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



26.2768, 29.4817, 15.1407



23.0759, 29.4817, 18.6617



21.3005, 29.4817, 26.2481

Triad

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



23.0759, 29.4817, 18.6617



25.8956, 29.4817, 58.0605



36.1524, 29.4817, 27.2622

Complementary

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



23.0759, 29.4817, 18.6617



22.4341, 18.8231, 34.3506

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.



36.0255, 29.4817, 38.7641



23.0759, 29.4817, 18.6617



29.8417, 29.4817, 58.5172

Square

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



23.0759, 29.4817, 18.6617



22.8197, 29.4817, 49.6783



33.6275, 29.4817, 50.8084



33.9592, 29.4817, 19.2517

Rectangle

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



23.0759, 29.4817, 18.6617



21.0488, 29.4817, 33.4398



33.6275, 29.4817, 50.8084



36.3855, 29.4817, 30.7975

Sweetspot

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



23.0767, 29.4830, 18.6623



52.0633, 57.8744, 54.6808



26.0884, 27.2036, 18.0636



11.2919, 12.6575, 11.6958



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.



23.0767, 29.4830, 18.6623



38.6913, 51.5462, 28.5122



21.4043, 28.5682, 20.9606



6.7446, 7.5010, 7.0780



10.9475, 20.1803, 3.3182



0.2376, 0.3824, 0.0613

Inverse Universe

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



22.4341, 18.8231, 34.3506



37.3591, 29.5602, 60.8634



24.6798, 20.0586, 30.9363



6.6935, 6.6460, 8.3367



9.7853, 4.4735, 26.2550



0.2174, 0.1018, 0.4714

Previews

White Background



This preview shows how the XYZ color 23.0759, 29.4817, 18.6617 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 23.0759, 29.4817, 18.6617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

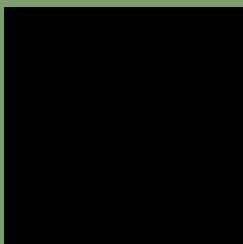
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0759, 29.4817, 18.6617

Background



This preview shows how black text looks on a background with the XYZ color 23.0759, 29.4817, 18.6617.



This preview shows how white text looks on a background with the XYZ color 23.0759, 29.4817,

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

23.0759, 29.4817, 18.6617

Protanopia

27.2305, 29.2378, 17.3050

Deuteranopia

29.6277, 29.0817, 19.0907



Tritanopia

27.1008, 29.4079, 38.4303

Trichromacy



Original Color

23.0759, 29.4817, 18.6617

Protanomaly

25.4705, 29.2641, 17.6707

Deuteranomaly

26.7658, 28.9618, 18.9313

Tritanomaly

25.4796, 29.4813, 29.9387

Monochromacy



Original Color

23.0759, 29.4817, 18.6617

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.4547, 27.6300, 25.1633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0759, 29.4817, 18.6617 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(124, 157, 108)` looks like.

```
.text, #text, p{  
    color:rgb(124, 157, 108)  
}
```

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(124, 157, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 157, 108) }
```

Border

The CSS property to change the border of an element to XYZ 23.0759, 29.4817, 18.6617 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(124, 157, 108) }
```


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

```
.border{ border-color:rgb(124, 157, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 157, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 157, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 157, 108);  
box-shadow:4px 4px 4px 4px rgb(124, 157,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0759, 29.4817, 18.6617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 157, 108) }
```

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

```
.background{ background-color: rgb(124,  
157, 108) }
```

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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