

Converting Colors

XYZ(23.3182, 29.9224, 18.1824)

Have a look what the booklet for
XYZ(23.3182, 29.9224, 18.1824)
contains.

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Color

**XYZ(23.2858, 29.8543,
18.1708)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9E6A
RGB	125, 158, 106
RGB Percent	49%, 62%, 42%
CMY	0.5098, 0.3804, 0.5843
CMYK	0.21, 0.00, 0.33, 0.38
HSL	98°, 21%, 52%
HSV	98°, 33%, 62%
XYZ	23.2858, 29.8543, 18.1708
YIQ	142.2050, -2.9760, -23.1680

Conversions

Conversions Part 2

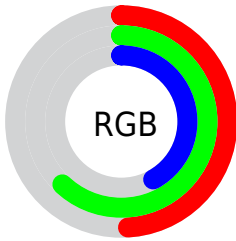
Format	Color
RYB	106, 158, 139
Decimal	8232554
CIELab	61.53, -21.31, 23.56
CIElCh	62, 31.766, 132.133
Yxy	29.8543, 0.3265, 0.4186
Android (android.graphics.Color)	4286422634 (0xFF7D9E6A)
YUV	142.2050, -17.8491, -15.0888
Hunter-Lab	54.6391, -19.5462, 18.5299

Details

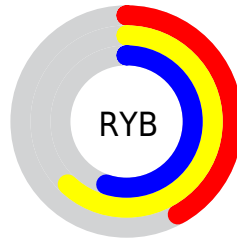
The XYZ color **23.2858, 29.8543, 18.1708** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.9743, 18.2665, 34.7170**, and the grayscale version is **25.8623, 27.2092, 29.6308**.

A 20% lighter version of the original color is **48.3259, 59.5221, 41.2896**, and **8.8194, 12.1094, 5.8755** is the 20% darker color. If you saturate the color by 10%, you get **21.1481, 28.8395, 14.1698**, and if you desaturate by 10%, it is **25.7242, 31.0084, 22.9775**.

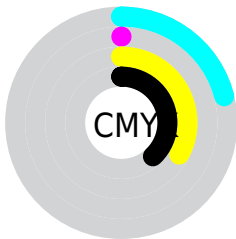
Distribution



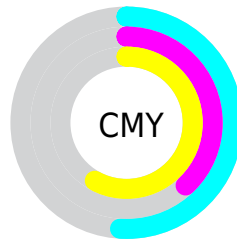
- Red (49%)
- Green (62%)
- Blue (42%)



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



- Cyan (21%)
- Magenta (0%)
- Yellow (33%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2858, 29.8543, 18.1708 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 23.2858, 29.8543, 18.1708 by changing the saturation by 10% instead.

■ 23.2858, 29.8543,
18.1708

■ 23.2858, 29.8543,
18.1708

261.6975,
301.2247, 254.1004

■ 14.9265, 19.7280,
10.9020

■ 48.3254, 59.4317,
41.1460

■ 8.8538, 12.1975,
5.8876

■ 65.7364, 79.6516,
57.6895

■ 4.7023, 6.8783,
2.7092

■ 86.8955, 104.0048,
78.1616

■ 2.1066, 3.3861,
0.9480

■ 112.1678,
132.8758, 102.9808

■ 0.6928, 1.3365,
0.0000

141.9188,
166.6488, 132.5658

■ 0.0000, 0.1692,
0.0000

176.5139,

■ 0.0000, 0.0000,

205.7084, 167.3350

0.0000

216.3183,
250.4389, 207.7070

■ 23.2858, 29.8543,
18.1708

■ 23.2858, 29.8543,
18.1708

■ 21.1481, 28.8395,
14.1698

■ 25.7242, 31.0084,
22.9775

■ 19.2963, 27.9547,
10.9284

■ 28.4731, 32.3032,
28.6285

■ 17.7173, 27.1950,
8.3989


■ 31.5442, 33.7450,
35.1625


■ 16.3961, 26.5540,
6.5276


■ 34.9482, 35.3384,
42.6151


■ 15.3161, 26.0244,
5.2529


■ 38.6952, 37.0879,
51.0200


 14.4580, 25.5977,
4.5015

 42.7949, 38.9978,
60.4091

 13.9565, 25.3463,
4.1567

 47.2564, 41.0722,
70.8130

 52.0887, 43.3149,
82.2607

 57.3004, 45.7300,
94.7803

Harmonies

Analogous

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



26.7085, 29.8543, 14.7053



23.2858, 29.8543, 18.1708



21.3496, 29.8543, 25.9018

Triad

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



23.2858, 29.8543, 18.1708



25.9646, 29.8543, 59.9291



37.0450, 29.8543, 27.8744

Complementary

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



23.2858, 29.8543, 18.1708



21.9743, 18.2665, 34.7170

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.



36.7953, 29.8543, 40.1475



23.2858, 29.8543, 18.1708



30.1107, 29.8543, 60.8357

Square

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



23.2858, 29.8543, 18.1708



22.7877, 29.8543, 50.6639



34.1578, 29.8543, 52.8995



34.8096, 29.8543, 19.3060

Rectangle

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



23.2858, 29.8543, 18.1708



21.0330, 29.8543, 33.3766



34.1578, 29.8543, 52.8995



37.2546, 29.8543, 31.6512

Sweetspot

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



23.2866, 29.8556, 18.1715



53.1607, 59.3441, 55.0486



25.9262, 26.7569, 17.4342



11.8237, 13.3033, 12.0707



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.2866, 29.8556, 18.1715



39.5690, 52.9249, 27.8672



21.1485, 28.7100, 20.0306



6.7682, 7.5131, 7.0791



11.2175, 20.3195, 3.3308



0.2451, 0.3863, 0.0616

Inverse Universe

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



21.9743, 18.2665, 34.7170



36.8266, 28.7647, 62.3546



24.8471, 19.8145, 31.8230



6.6690, 6.6333, 8.3355



9.2206, 4.1824, 26.2285



0.2099, 0.0980, 0.4711

Previews

White Background



This preview shows how the XYZ color 23.2858, 29.8543, 18.1708 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 23.2858, 29.8543, 18.1708 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 23.2858, 29.8543, 18.1708

Background



This preview shows how black text looks on a background with the XYZ color 23.2858, 29.8543, 18.1708.



This preview shows how white text looks on a background with the XYZ color 23.2858, 29.8543,

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

23.2858, 29.8543, 18.1708

Protanopia

27.4854, 29.6127, 16.8376

Deuteranopia

30.1125, 29.5641, 18.5873



Tritanopia

27.5090, 29.8459, 38.9613

Trichromacy



Original Color

23.2858, 29.8543, 18.1708

Protanomaly

25.7090, 29.6388, 17.1978

Deuteranomaly

27.2013, 29.4306, 18.4344

Tritanomaly

25.7982, 29.8895, 30.0007

Monochromacy



Original Color

23.2858, 29.8543, 18.1708

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.7057, 27.9990, 24.8711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2858, 29.8543, 18.1708 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(125, 158, 106)` looks like.

```
.text, #text, p{  
    color:rgb(125, 158, 106)  
}
```

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(125, 158, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 158, 106) }
```

Border

The CSS property to change the border of an element to XYZ 23.2858, 29.8543, 18.1708 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(125, 158, 106) }
```


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

```
.border{ border-color:rgb(125, 158, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 158, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 158, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 158, 106);  
box-shadow:4px 4px 4px 4px rgb(125, 158,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2858, 29.8543, 18.1708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 158, 106) }
```

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

```
.background{ background-color: rgb(125,  
158, 106) }
```

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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