

Converting Colors

XYZ(23.8478, 31.2232, 28.0623)

Have a look what the booklet for
XYZ(23.8478, 31.2232, 28.0623)
contains.

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Color

**XYZ(23.8478, 31.2232,
28.0623)**

Conversions

Conversions Part 1

Format	Color
Hex	6DA388
RGB	109, 163, 136
RGB Percent	43%, 64%, 53%
CMY	0.5725, 0.3608, 0.4667
CMYK	0.33, 0.00, 0.17, 0.36
HSL	150°, 23%, 53%
HSV	150°, 33%, 64%
XYZ	23.8478, 31.2232, 28.0623
YIQ	143.7760, -23.5170, -19.8450

Conversions

Conversions Part 2

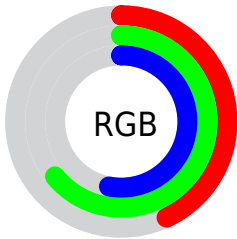
Format	Color
RYB	109, 145, 163
Decimal	7185288
CIELab	62.70, -23.85, 8.40
CIELCh	63, 25.283, 160.584
Yxy	31.2232, 0.2869, 0.3756
Android (android.graphics.Color)	4285375368 (0xFF6DA388)
YUV	143.7760, -3.8336, -30.4986
Hunter-Lab	55.8777, -21.6048, 9.3384

Details

The XYZ color **23.8478, 31.2232, 28.0623** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.0179, 20.5021, 25.9325**, and the grayscale version is **26.4415, 27.8185, 30.2944**.

A 20% lighter version of the original color is **49.1570, 61.4983, 57.4236**, and **9.1678, 12.9706, 10.8245** is the 20% darker color. If you saturate the color by 10%, you get **21.4682, 30.0618, 25.0416**, and if you desaturate by 10%, it is **26.6450, 32.5966, 31.3338**.

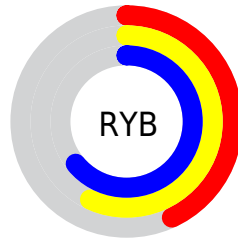
Distribution



Red (43%)

Green (64%)

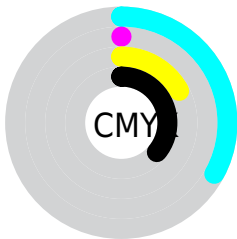
Blue (53%)



Red (43%)

Yellow (57%)

Blue (64%)

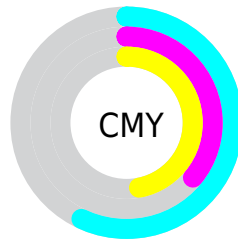


Cyan (33%)

Magenta (0%)

Yellow (17%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8478, 31.2232, 28.0623 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 23.8478, 31.2232, 28.0623 by changing the saturation by 10% instead.

■ 23.8478, 31.2232,
28.0623

■ 23.8478, 31.2232,
28.0623

264.5049,
307.5653, 306.6858

■ 15.3449, 20.7689,
18.1332

■ 49.2382, 61.5913,
57.6082

■ 9.1497, 12.9552,
10.8752

■ 66.8564, 82.2739,
78.0620

■ 4.8968, 7.3977,
5.8699

■ 88.2437, 107.1346,
102.8612

■ 2.2210, 3.7120,
2.6986

■ 113.7656,
136.5580, 132.4242

■ 0.7538, 1.5138,
0.9427

143.7872,
170.9283, 167.1697

■ 0.0000, 0.2984,
0.0000

178.6741,

■ 0.0000, 0.0000,

210.6301, 207.5160

0.0000

218.7915,
256.0476, 253.8819

■ 23.8478, 31.2232,
28.0623

■ 23.8478, 31.2232,
28.0623

■ 21.4682, 30.0618,
25.0416

■ 26.6450, 32.5966,
31.3338

■ 19.4822, 29.0973,
22.2636

■ 29.8772, 34.1881,
34.8600

■ 17.8670, 28.3192,
19.7226

■ 33.5640, 36.0087,
38.6471

■ 16.5962, 27.7139,
17.4119

■ 37.7228, 38.0672,
42.7006

■ 15.6400, 27.2662,
15.3245

■ 42.3701, 40.3721,
47.0258

■ 14.9628, 26.9578,
13.4527

■ 47.5219, 42.9314,
51.6279

■ 14.6018, 26.7972,
12.2857

■ 53.1929, 45.7527,
56.5117

■ 59.3977, 48.8434,
61.6821

■ 65.8905, 52.0767,
67.1317

Harmonies

Analogous

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



25.5656, 31.2232, 21.5096



23.8478, 31.2232, 28.0623



23.6199, 31.2232, 37.6083

Triad

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



23.8478, 31.2232, 28.0623



30.9123, 31.2232, 56.3091



35.0071, 31.2232, 23.0712

Complementary

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



23.8478, 31.2232, 28.0623



25.0179, 20.5021, 25.9325

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.



36.6894, 31.2232, 30.6241



23.8478, 31.2232, 28.0623



34.2065, 31.2232, 50.5690

Square

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



23.8478, 31.2232, 28.0623



27.5250, 31.2232, 55.2554



36.3855, 31.2232, 40.7139



31.9378, 31.2232, 19.0382

Rectangle

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



23.8478, 31.2232, 28.0623



24.3227, 31.2232, 44.6122



36.3855, 31.2232, 40.7139



35.7639, 31.2232, 25.2149

Sweetspot

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



23.8487, 31.2245, 28.0630



55.3631, 62.1421, 64.3764



26.1587, 32.6099, 19.3840



12.2427, 13.8623, 14.2587



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.8487, 31.2245, 28.0630



39.3984, 54.3000, 46.0974



25.9354, 32.0592, 39.0517



7.1263, 7.9513, 8.2770



11.3707, 20.8346, 9.6687



0.2628, 0.4473, 0.3288

Inverse Universe

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



25.0179, 20.5021, 25.9325



41.8303, 31.9979, 41.6662



23.3828, 19.8481, 17.3224



7.2145, 7.1423, 8.1162



12.9308, 6.5284, 6.8260



0.2956, 0.1467, 0.2690

Previews

White Background



This preview shows how the XYZ color 23.8478, 31.2232, 28.0623 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.8478, 31.2232, 28.0623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

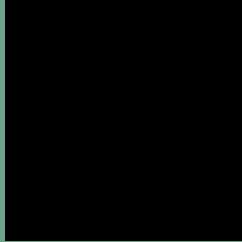
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 23.8478, 31.2232, 28.0623

Background



This preview shows how black text looks on a background with the XYZ color 23.8478, 31.2232, 28.0623.



This preview shows how white text looks on a background with the XYZ color 23.8478, 31.2232,

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

23.8478, 31.2232, 28.0623

Protanopia

29.3939, 31.1159, 25.5758

Deuteranopia

31.5901, 30.9973, 29.1290



Tritanopia

26.7800, 31.1070, 43.1209

Trichromacy



Original Color

23.8478, 31.2232, 28.0623

Protanomaly

26.8707, 30.7714, 26.3530

Deuteranomaly

28.1012, 30.6165, 28.8546

Tritanomaly

25.5524, 31.1209, 37.0079

Monochromacy



Original Color

23.8478, 31.2232, 28.0623

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.2344, 28.8816, 29.4440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8478, 31.2232, 28.0623 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(109, 163, 136)` looks like.

```
.text, #text, p{  
    color:rgb(109, 163, 136)  
}
```

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(109, 163, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 163, 136) }
```

Border

The CSS property to change the border of an element to XYZ 23.8478, 31.2232, 28.0623 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(109, 163, 136) }
```


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

```
.border{ border-color:rgb(109, 163, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 163, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 163, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 163, 136);  
box-shadow:4px 4px 4px 4px rgb(109, 163,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8478, 31.2232, 28.0623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 163, 136) }
```

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

```
.background{ background-color: rgb(109,  
163, 136) }
```

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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