

Converting Colors

XYZ(23.0128, 25.2900, 28.5766)

Have a look what the booklet for
XYZ(23.0128, 25.2900, 28.5766)
contains.

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Color

**XYZ(23.0138, 25.2388,
28.4696)**

Conversions

Conversions Part 1

Format	Color
Hex	808C8C
RGB	128, 140, 140
RGB Percent	50%, 55%, 55%
CMY	0.4980, 0.4510, 0.4510
CMYK	0.09, 0.00, 0.00, 0.45
HSL	180°, 5%, 53%
HSV	180°, 9%, 55%
XYZ	23.0138, 25.2388, 28.4696
YIQ	136.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

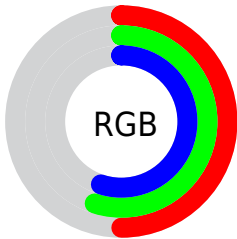
Format	Color
RYB	128, 134, 140
Decimal	8424588
CIELab	57.31, -4.34, -1.50
CIElCh	57, 4.591, 199.045
Yxy	25.2388, 0.3000, 0.3290
Android (android.graphics.Color)	4286614668 (0xFF808C8C)
YUV	136.4120, 1.7689, -7.3773
Hunter-Lab	50.2382, -6.1472, 1.5676

Details

The XYZ color **23.0138, 25.2388, 28.4696** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.4316, 22.5730, 23.5980**, and the grayscale version is **23.5523, 24.7789, 26.9842**.

A 20% lighter version of the original color is **47.9735, 52.2576, 58.0103**, and **8.7261, 9.7128, 11.0877** is the 20% darker color. If you saturate the color by 10%, you get **21.0516, 24.2280, 28.3774**, and if you desaturate by 10%, it is **25.2680, 26.4016, 28.5765**.

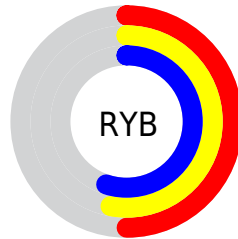
Distribution



Red (50%)

Green (55%)

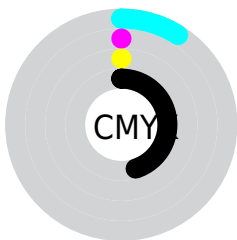
Blue (55%)



Red (50%)

Yellow (53%)

Blue (55%)

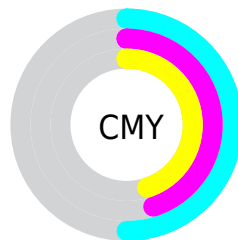


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (45%)



Cyan (50%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0138, 25.2388, 28.4696 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 23.0138, 25.2388, 28.4696 by changing the saturation by 10% instead.

■ 23.0138, 25.2388,
28.4696

■ 23.0138, 25.2388,
28.4696

260.3299,
279.0251, 308.6863

■ 14.7244, 16.2551,
18.4378

■ 47.8825, 52.0444,
58.2654

■ 8.7113, 9.7048,
11.0921

■ 65.1925, 70.6350,
78.8665

■ 4.6089, 5.2037,
6.0139

■ 86.2402, 93.1967,
103.8278

■ 2.0521, 2.3673,
2.7846

111.3908,
120.1138, 133.5679

■ 0.6630, 0.8090,
0.9857

141.0097,
151.7709, 168.5052

■ 0.0000, 0.0000,
0.0000

175.4623,

188.5521, 209.0584

215.1139,
230.8421, 255.6459

■ 23.0138, 25.2388,
28.4696

■ 23.0138, 25.2388,
28.4696

■ 21.0516, 24.2280,
28.3774

■ 25.2680, 26.4016,
28.5765

■ 19.3675, 23.3598,
28.2976

■ 27.8233, 27.7188,
28.6970

■ 17.9495, 22.6288,
28.2304

■ 30.6908, 29.1971,
28.8322

■ 16.7840, 22.0280,
28.1749

■ 33.8807, 30.8415,
28.9824

■ 15.8563, 21.5498,
28.1306

■ 37.4026, 32.6571,
29.1481

■ 15.1499, 21.1856,
28.0966

■ 41.2656, 34.6485,
29.3298

■ 14.6464, 20.9261,
28.0721

■ 45.4786, 36.8204,
29.5279

■ 14.3245, 20.7602,
28.0561

■ 50.0501, 39.1771,
29.7428

■ 14.1357, 20.6628,
28.0463

■ 54.9884, 41.7228,
29.9748

Harmonies

Analogous

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



22.9767, 25.2388, 26.9156



23.0138, 25.2388, 28.4696



23.3098, 25.2388, 29.8051

Triad

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



23.0138, 25.2388, 28.4696



24.7871, 25.2388, 29.4908



24.1880, 25.2388, 24.6442

Complementary

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



23.0138, 25.2388, 28.4696



22.4316, 22.5730, 23.5980

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.



24.6807, 25.2388, 25.2806



23.0138, 25.2388, 28.4696



25.0301, 25.2388, 28.0538

Square

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



23.0138, 25.2388, 28.4696



24.3316, 25.2388, 30.4099



24.9908, 25.2388, 26.5151



23.6491, 25.2388, 24.7460

Rectangle

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



23.0138, 25.2388, 28.4696



23.6167, 25.2388, 30.3734



24.9908, 25.2388, 26.5151



24.3646, 25.2388, 24.7779

Sweetspot

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



23.0145, 25.2399, 28.4702



42.6979, 45.5920, 50.2922



22.2073, 24.9205, 24.0622



9.7695, 10.4698, 11.5853



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



23.0145, 25.2399, 28.4702



39.9723, 44.1869, 50.1635



22.1892, 23.5890, 28.1958



5.1728, 5.6886, 6.4310



12.5374, 18.3475, 24.9182



0.0833, 0.1219, 0.1656

Inverse Universe

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



22.4316, 22.5730, 23.5980



38.7614, 38.6471, 40.0426



23.2099, 24.1298, 23.8567



5.0329, 5.0486, 5.2618



9.6100, 4.9541, 0.4504



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 23.0138, 25.2388, 28.4696 looks on a white background.

Color Contrast Check

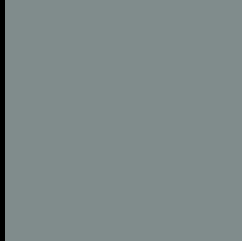
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0138, 25.2388, 28.4696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

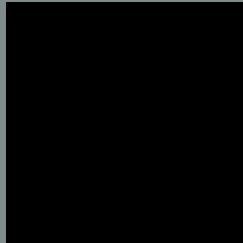
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0138, 25.2388, 28.4696

Background



This preview shows how black text looks on a background with the XYZ color 23.0138, 25.2388, 28.4696.



This preview shows how white text looks on a background with the XYZ color 23.0138, 25.2388,

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

23.0138, 25.2388, 28.4696

Protanopia

24.3483, 25.3017, 27.6452

Deuteranopia

25.5897, 25.0877, 28.6930



Tritanopia

23.9436, 25.4131, 32.4974

Trichromacy



Original Color

23.0138, 25.2388, 28.4696

Protanomaly

23.9020, 25.2753, 28.0449

Deuteranomaly

24.5964, 25.1941, 28.7659

Tritanomaly

23.4742, 25.2077, 30.8225

Monochromacy



Original Color

23.0138, 25.2388, 28.4696

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1339, 24.6840, 27.2121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0138, 25.2388, 28.4696 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(128, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(128, 140, 140)  
}
```

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(128, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 140, 140) }
```

Border

The CSS property to change the border of an element to XYZ 23.0138, 25.2388, 28.4696 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(128, 140, 140) }
```


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

```
.border{ border-color:rgb(128, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(128, 140,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0138, 25.2388, 28.4696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 140, 140) }
```

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

```
.background{ background-color: rgb(128,  
140, 140) }
```

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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