

Converting Colors

XYZ(22.9066, 25.5471, 27.1868)

Have a look what the booklet for
XYZ(22.9066, 25.5471, 27.1868)
contains.

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Color

**XYZ(23.0190, 25.7128,
27.0424)**

Conversions

Conversions Part 1

Format	Color
Hex	808E88
RGB	128, 142, 136
RGB Percent	50%, 56%, 53%
CMY	0.4980, 0.4431, 0.4667
CMYK	0.10, 0.00, 0.04, 0.44
HSL	154°, 6%, 53%
HSV	154°, 10%, 56%
XYZ	23.0190, 25.7128, 27.0424
YIQ	137.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

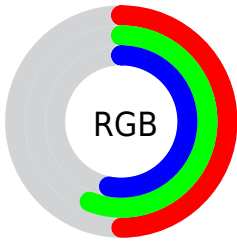
Format	Color
R_{YB}	128, 137, 142
Decimal	8425096
CIE Lab	57.76, -6.28, 1.46
CIE LCh	58, 6.450, 166.899
Yxy	25.7128, 0.3038, 0.3393
Android (android.graphics.Color)	4286615176 (0xFF808E88)
YUV	137.1300, -0.5571, -8.0070
Hunter-Lab	50.7078, -7.7079, 3.8762

Details

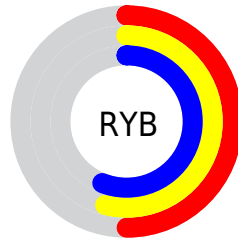
The XYZ color **23.0190, 25.7128, 27.0424** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.1785, 22.9109, 25.7560**, and the grayscale version is **23.8314, 25.0725, 27.3039**.

A 20% lighter version of the original color is **47.9813, 52.9777, 55.8410**, and **8.7313, 9.9884, 10.2719** is the 20% darker color. If you saturate the color by 10%, you get **20.6105, 24.5205, 24.7355**, and if you desaturate by 10%, it is **25.7525, 27.0713, 29.4939**.

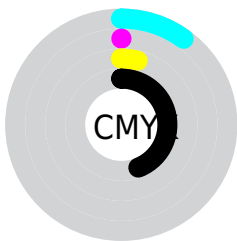
Distribution



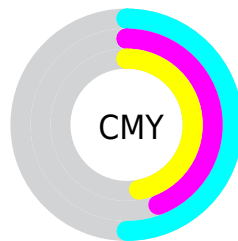
- Red (50%)
- Green (56%)
- Blue (53%)



- Red (50%)
- Yellow (54%)
- Blue (56%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (50%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0190, 25.7128, 27.0424 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 23.0190, 25.7128, 27.0424 by changing the saturation by 10% instead.

■ 23.0190, 25.7128,
27.0424

■ 23.0190, 25.7128,
27.0424

260.3561,
281.3694, 301.6290

■ 14.7283, 16.6089,
17.3723

■ 47.8910, 52.8113,
55.9565

■ 8.7140, 9.9560,
10.3356

■ 65.2029, 71.5746,
76.0376

■ 4.6107, 5.3698,
5.5135

■ 86.2527, 94.3266,
100.4261

■ 2.0531, 2.4658,
2.4876

111.4056,
121.4515, 129.5406

■ 0.6635, 0.8595,
0.8336

141.0271,
153.3339, 163.7996

■ 0.0000, 0.0000,
0.0000

175.4824,

190.3581, 203.6216

215.1369,
232.9084, 249.4253

■ 23.0190, 25.7128,
27.0424

■ 23.0190, 25.7128,
27.0424

■ 20.6105, 24.5205,
24.7355

■ 25.7525, 27.0713,
29.4939

■ 18.5121, 23.4845,
22.5687

■ 28.8208, 28.5987,
32.0908

■ 16.7108, 22.5989,
20.5399

■ 32.2361, 30.3021,
34.8364

■ 15.1920, 21.8563,
18.6461

■ 36.0092, 32.1870,
37.7330

■ 13.9398, 21.2485,
16.8842

■ 40.1504, 34.2587,
40.7831

■ 12.9364, 20.7663,
15.2512

■ 44.6697, 36.5222,
43.9890

■ 12.1621, 20.3997,
13.7436

■ 49.5767, 38.9825,
47.3530

■ 11.5936, 20.1367,
12.3579

■ 54.8806, 41.6442,
50.8774

■ 11.1694, 19.9457,
11.0886

■ 60.2938, 44.3592,
54.5505

Harmonies

Analogous

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



23.3692, 25.7128, 25.1859



23.0190, 25.7128, 27.0424



23.0435, 25.7128, 29.2535

Triad

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



23.0190, 25.7128, 27.0424



24.8742, 25.7128, 32.2737



25.4697, 25.7128, 25.0003

Complementary

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



23.0190, 25.7128, 27.0424



23.1785, 22.9109, 25.7560

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.



25.8902, 25.7128, 26.7767



23.0190, 25.7128, 27.0424



25.5414, 25.7128, 31.0095

Square

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



23.0190, 25.7128, 27.0424



24.1037, 25.7128, 32.3541



25.9167, 25.7128, 28.9735



24.7779, 25.7128, 24.0495

Rectangle

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



23.0190, 25.7128, 27.0424



23.2690, 25.7128, 30.6332



25.9167, 25.7128, 28.9735



25.6481, 25.7128, 25.5163

Sweetspot

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



23.0197, 25.7139, 27.0430



43.8038, 46.9369, 50.5957



23.4123, 25.9795, 24.2029



9.7016, 10.4427, 11.2277



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.



23.0197, 25.7139, 27.0430



39.5254, 44.8133, 46.6907



23.3201, 25.6127, 29.3072



5.4638, 6.0778, 6.4085



10.0322, 17.9087, 9.9894



0.1070, 0.1756, 0.1538

Inverse Universe

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



23.1785, 22.9109, 25.7560



39.8677, 38.7705, 43.9164



22.8939, 22.9928, 23.6537



5.4988, 5.4601, 6.1248



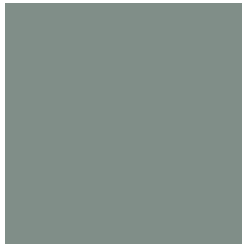
10.7778, 5.4682, 4.4815



0.1137, 0.0566, 0.0991

Previews

White Background



This preview shows how the XYZ color 23.0190, 25.7128, 27.0424 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 23.0190, 25.7128, 27.0424 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

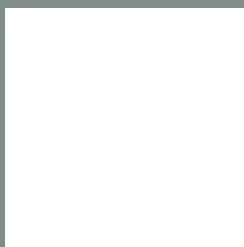
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0190, 25.7128, 27.0424

Background



This preview shows how black text looks on a background with the XYZ color 23.0190, 25.7128, 27.0424.



This preview shows how white text looks on a background with the XYZ color 23.0190, 25.7128,

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

23.0190, 25.7128, 27.0424

Protanopia

24.5469, 25.6490, 26.2112

Deuteranopia

26.0614, 25.5606, 27.6049



Tritanopia

24.3241, 25.8158, 32.9791

Trichromacy



Original Color

23.0190, 25.7128, 27.0424

Protanomaly

23.9223, 25.5329, 26.5892

Deuteranomaly

24.7887, 25.5371, 27.2896

Tritanomaly

23.9191, 25.8709, 30.9270

Monochromacy



Original Color

23.0190, 25.7128, 27.0424

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.5795, 25.3397, 27.3152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0190, 25.7128, 27.0424 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, 142, 136)` looks like.

```
.text, #text, p{  
    color:rgb(128, 142, 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(128, 142, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 142, 136) }
```

Border

The CSS property to change the border of an element to XYZ 23.0190, 25.7128, 27.0424 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, 142, 136) }
```


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

```
.border{ border-color:rgb(128, 142, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 142, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 142, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 142, 136);  
box-shadow:4px 4px 4px 4px rgb(128, 142,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0190, 25.7128, 27.0424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 142, 136) }
```

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

```
.background{ background-color: rgb(128,  
142, 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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