

Converting Colors

XYZ(23.0192, 25.9610, 28.0455)

Have a look what the booklet for
XYZ(23.0192, 25.9610, 28.0455)
contains.

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Color

**XYZ(23.0868, 25.9446,
28.2171)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8F8B
RGB	126, 143, 139
RGB Percent	49%, 56%, 55%
CMY	0.5059, 0.4392, 0.4549
CMYK	0.12, 0.00, 0.03, 0.44
HSL	166°, 7%, 53%
HSV	166°, 12%, 56%
XYZ	23.0868, 25.9446, 28.2171
YIQ	137.4610, -8.8480, -4.8480

Conversions

Conversions Part 2

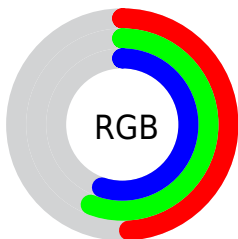
Format	Color
R_{YB}	126, 136, 143
Decimal	8294283
CIE Lab	57.98, -6.93, 0.05
CIE LCh	58, 6.929, 179.600
Yxy	25.9446, 0.2989, 0.3359
Android (android.graphics.Color)	4286484363 (0xFF7E8F8B)
YUV	137.4610, 0.7587, -10.0513
Hunter-Lab	50.9358, -8.2321, 2.8100

Details

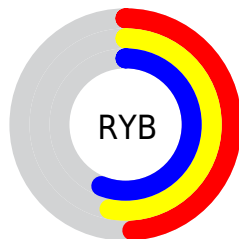
The XYZ color **23.0868, 25.9446, 28.2171** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.8187, 22.3736, 24.2360**, and the grayscale version is **23.9526, 25.2000, 27.4428**.

A 20% lighter version of the original color is **48.0711, 53.3220, 57.6277**, and **8.7781, 10.1278, 10.9434** is the 20% darker color. If you saturate the color by 10%, you get **20.8850, 24.8382, 26.8502**, and if you desaturate by 10%, it is **25.5991, 27.2116, 29.6391**.

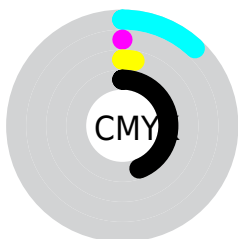
Distribution



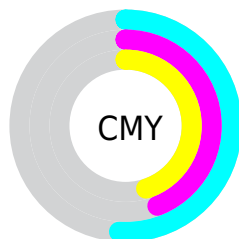
- Red (49%)
- Green (56%)
- Blue (55%)



- Red (49%)
- Yellow (53%)
- Blue (56%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0868, 25.9446, 28.2171 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 23.0868, 25.9446, 28.2171 by changing the saturation by 10% instead.

■ 23.0868, 25.9446,
28.2171

■ 23.0868, 25.9446,
28.2171

260.6975,
282.5100, 307.4474

■ 14.7787, 16.7822,
18.2489

■ 48.0014, 53.1856,
57.8581

■ 8.7495, 10.0793,
10.9576

■ 65.3386, 72.0329,
78.3681

■ 4.6339, 5.4516,
5.9245

■ 86.4162, 94.8774,
103.2290

■ 2.0667, 2.5146,
2.7312

111.5995,
122.1033, 132.8594

■ 0.6710, 0.8839,
0.9591

141.2540,
154.0952, 167.6779

■ 0.0000, 0.0000,
0.0000

175.7449,

191.2373, 208.1031

215.4376,
233.9141, 254.5534

■ 23.0868, 25.9446,
28.2171

■ 23.0868, 25.9446,
28.2171

■ 20.8850, 24.8382,
26.8502

■ 25.5991, 27.2116,
29.6391

■ 18.9787, 23.8826,
25.5359

■ 28.4317, 28.6421,
31.1155

■ 17.3550, 23.0718,
24.2736

■ 31.5968, 30.2432,
32.6476

■ 15.9990, 22.3982,
23.0622

■ 35.1052, 32.0203,
34.2364

■ 14.8946, 21.8534,
21.9008

■ 38.9672, 33.9788,
35.8826

■ 14.0238, 21.4282,
20.7881

■ 43.1927, 36.1237,
37.5871

■ 13.3661, 21.1121,
19.7227

■ 47.7912, 38.4601,
39.3506

■ 12.8976, 20.8926,
18.7031

■ 52.7718, 40.9925,
41.1738

■ 12.6017, 20.7574,
17.9070

■ 58.1434, 43.7255,
43.0576

Harmonies

Analogous

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



23.2989, 25.9446, 25.9831



23.0868, 25.9446, 28.2171



23.2881, 25.9446, 30.5847

Triad

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



23.0868, 25.9446, 28.2171



25.4621, 25.9446, 32.4442



25.4820, 25.9446, 24.4617

Complementary

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



23.0868, 25.9446, 28.2171



22.8187, 22.3736, 24.2360

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.



26.0838, 25.9446, 26.0358



23.0868, 25.9446, 28.2171



26.0722, 25.9446, 30.6435

Square

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



23.0868, 25.9446, 28.2171



24.6483, 25.9446, 33.1074



26.3022, 25.9446, 28.2814



24.6708, 25.9446, 23.8912

Rectangle

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



23.0868, 25.9446, 28.2171



23.6323, 25.9446, 31.9022



26.3022, 25.9446, 28.2814



25.7162, 25.9446, 24.8864

Sweetspot

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



23.0875, 25.9457, 28.2177



44.8060, 48.2069, 52.5094



22.8334, 25.9180, 23.5382



10.2011, 11.0176, 12.0006



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.0875, 25.9457, 28.2177



40.3453, 45.9597, 49.9330



22.7593, 24.8126, 29.5777



5.5067, 6.0949, 6.6342



11.1501, 18.3559, 15.8762



0.1151, 0.1789, 0.1964

Inverse Universe

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



22.8187, 22.3736, 24.2360



39.7759, 38.3918, 41.4979



23.1103, 23.3786, 23.0334



5.4577, 5.4436, 5.9082



10.2740, 5.2666, 1.8283



0.1056, 0.0533, 0.0564

Previews

White Background



This preview shows how the XYZ color 23.0868, 25.9446, 28.2171 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 23.0868, 25.9446, 28.2171 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

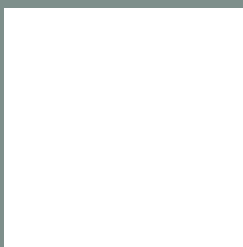
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0868, 25.9446, 28.2171

Background



This preview shows how black text looks on a background with the XYZ color 23.0868, 25.9446, 28.2171.



This preview shows how white text looks on a background with the XYZ color 23.0868, 25.9446,

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

23.0868, 25.9446, 28.2171

Protanopia

24.6877, 25.7053, 26.9530

Deuteranopia

26.4206, 25.9264, 28.8111



Tritanopia

24.0945, 25.9059, 33.4362

Trichromacy



Original Color

23.0868, 25.9446, 28.2171

Protanomaly

24.0468, 25.7966, 27.3787

Deuteranomaly

25.1498, 25.9100, 28.4865

Tritanomaly

23.6919, 25.9646, 31.3667

Monochromacy



Original Color

23.0868, 25.9446, 28.2171

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.4929, 25.2868, 27.6874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0868, 25.9446, 28.2171 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(126, 143, 139) looks like.

```
.text, #text, p{  
    color:rgb(126, 143, 139)  
}
```

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(126, 143, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 143, 139) }
```

Border

The CSS property to change the border of an element to XYZ 23.0868, 25.9446, 28.2171 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(126, 143, 139) }
```


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

```
.border{ border-color:rgb(126, 143, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 143, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 143, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 143, 139);  
box-shadow:4px 4px 4px 4px rgb(126, 143,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0868, 25.9446, 28.2171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 143, 139) }
```

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

```
.background{ background-color: rgb(126,  
143, 139) }
```

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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