

Converting Colors

XYZ(22.9081, 25.7758, 28.6041)

Have a look what the booklet for
XYZ(22.9081, 25.7758, 28.6041)
contains.

XYZ(23.0135, 25.8983, 28.5969)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.0135, 25.8983,
28.5969)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8F8C
RGB	125, 143, 140
RGB Percent	49%, 56%, 55%
CMY	0.5098, 0.4392, 0.4510
CMYK	0.13, 0.00, 0.02, 0.44
HSL	170°, 7%, 53%
HSV	170°, 13%, 56%
XYZ	23.0135, 25.8983, 28.5969
YIQ	137.2760, -9.7650, -4.7490

Conversions

Conversions Part 2

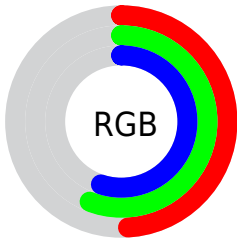
Format	Color
RYB	125, 135, 143
Decimal	8228748
CIELab	57.94, -7.07, -0.60
CIElCh	58, 7.095, 184.827
Yxy	25.8983, 0.2969, 0.3341
Android (android.graphics.Color)	4286418828 (0xFF7D8F8C)
YUV	137.2760, 1.3429, -10.7661
Hunter-Lab	50.8904, -8.3374, 2.3063

Details

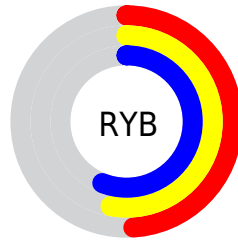
The XYZ color **23.0135, 25.8983, 28.5969** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.5585, 22.0660, 23.4933**, and the grayscale version is **23.8806, 25.1242, 27.3603**.

A 20% lighter version of the original color is **47.9520, 53.2477, 58.2026**, and **8.7403, 10.1034, 11.1623** is the 20% darker color. If you saturate the color by 10%, you get **20.9006, 24.8299, 27.5905**, and if you desaturate by 10%, it is **25.4323, 27.1254, 29.6386**.

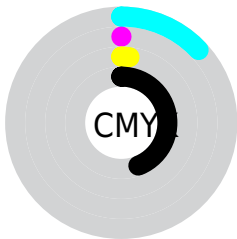
Distribution



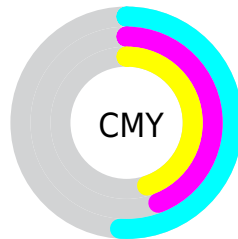
- Red (49%)
- Green (56%)
- Blue (55%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0135, 25.8983, 28.5969 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 23.0135, 25.8983, 28.5969 by changing the saturation by 10% instead.

■ 23.0135, 25.8983,
28.5969

■ 23.0135, 25.8983,
28.5969

260.3284,
282.2825, 309.3094

■ 14.7242, 16.7476,
18.5331

■ 47.8820, 53.1108,
58.4705

■ 8.7111, 10.0547,
11.1600

■ 65.1919, 71.9414,
79.1175

■ 4.6088, 5.4352,
6.0591

■ 86.2394, 94.7674,
104.1293

■ 2.0520, 2.5048,
2.8117

111.3899,
121.9733, 133.9244

■ 0.6629, 0.8791,
0.9993

141.0087,
153.9433, 168.9215

■ 0.0000, 0.0000,
0.0000

175.4611,

191.0619, 209.5390

215.1125,
233.7135, 256.1954

■ 23.0135, 25.8983,
28.5969

■ 23.0135, 25.8983,
28.5969

■ 20.9006, 24.8299,
27.5905

■ 25.4323, 27.1254,
29.6386

■ 19.0786, 23.9102,
26.6169

■ 28.1668, 28.5141,
30.7146

■ 17.5344, 23.1334,
25.6760

■ 31.2292, 30.0714,
31.8260

■ 16.2533, 22.4918,
24.7669

■ 34.6302, 31.8028,
32.9736

■ 15.2189, 21.9769,
23.8887

■ 38.3802, 33.7137,
34.1579

■ 14.4133, 21.5795,
23.0406

■ 42.4890, 35.8091,
35.3795

■ 13.8158, 21.2890,
22.2213

■ 46.9662, 38.0939,
36.6389

■ 13.4022, 21.0929,
21.4296

■ 51.8208, 40.5728,
37.9367

■ 13.1621, 20.9815,
20.8581

■ 57.0616, 43.2504,
39.2735

Harmonies

Analogous

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



23.1575, 25.8983, 26.2433



23.0135, 25.8983, 28.5969



23.2906, 25.8983, 30.9741

Triad

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



23.0135, 25.8983, 28.5969



25.5664, 25.8983, 32.2429



25.3215, 25.8983, 24.1488

Complementary

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



23.0135, 25.8983, 28.5969



22.5585, 22.0660, 23.4933

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.



25.9899, 25.8983, 25.5946



23.0135, 25.8983, 28.5969



26.1336, 25.8983, 30.2492

Square

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



23.0135, 25.8983, 28.5969



24.7542, 25.8983, 33.1553



26.2903, 25.8983, 27.8045



24.4775, 25.8983, 23.7627

Rectangle

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



23.0135, 25.8983, 28.5969



23.6807, 25.8983, 32.2251



26.2903, 25.8983, 27.8045



25.5747, 25.8983, 24.5227

Sweetspot

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



23.0142, 25.8994, 28.5975



44.8599, 48.2284, 52.7929



22.4722, 25.7391, 23.1862



10.2155, 11.0234, 12.0765



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.



23.0142, 25.8994, 28.5975



40.1271, 45.8297, 50.7132



22.4045, 24.3208, 29.5014



5.5222, 6.1011, 6.7156



11.6438, 18.5534, 18.4762



0.1180, 0.1800, 0.2116

Inverse Universe

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



22.5585, 22.0660, 23.4933



39.1523, 37.6295, 39.7954



23.1063, 23.4732, 22.7154



5.4433, 5.4379, 5.8325



10.1659, 5.2234, 1.2589



0.1027, 0.0522, 0.0413

Previews

White Background



This preview shows how the XYZ color 23.0135, 25.8983, 28.5969 looks on a white background.

Color Contrast Check

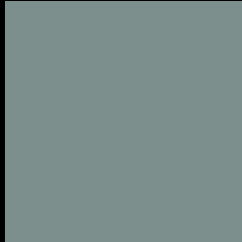
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0135, 25.8983, 28.5969 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 23.0135, 25.8983, 28.5969

Background



This preview shows how black text looks on a background with the XYZ color 23.0135, 25.8983, 28.5969.



This preview shows how white text looks on a background with the XYZ color 23.0135, 25.8983,

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

23.0135, 25.8983, 28.5969

Protanopia

24.7592, 25.7339, 27.3291

Deuteranopia

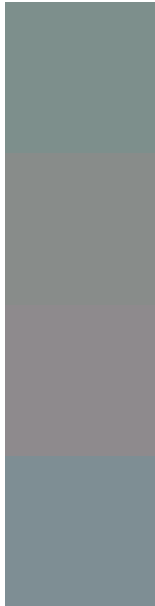
26.3090, 25.8602, 29.1961



Tritanopia

23.9448, 25.8288, 33.4292

Trichromacy



Original Color

23.0135, 25.8983, 28.5969

Protanomaly

24.1189, 25.8254, 27.7584

Deuteranomaly

25.0515, 25.8508, 28.8687

Tritanomaly

23.6225, 25.9197, 31.7749

Monochromacy



Original Color

23.0135, 25.8983, 28.5969

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 23.0135, 25.8983, 28.5969 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, 143, 140)` looks like.

```
.text, #text, p{  
    color:rgb(125, 143, 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(125, 143, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 143, 140) }
```

Border

The CSS property to change the border of an element to XYZ 23.0135, 25.8983, 28.5969 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, 143, 140) }
```


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

```
.border{ border-color:rgb(125, 143, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 143, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 143, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 143, 140);  
box-shadow:4px 4px 4px 4px rgb(125, 143,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0135, 25.8983, 28.5969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 143, 140) }
```

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

```
.background{ background-color: rgb(125,  
143, 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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