

Converting Colors

XYZ(23.2095, 25.9644, 28.1656)

Have a look what the booklet for
XYZ(23.2095, 25.9644, 28.1656)
contains.

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Color

**XYZ(23.2351, 26.0210,
28.2240)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8F8B
RGB	127, 143, 139
RGB Percent	50%, 56%, 55%
CMY	0.5020, 0.4392, 0.4549
CMYK	0.11, 0.00, 0.03, 0.44
HSL	165°, 7%, 53%
HSV	165°, 11%, 56%
XYZ	23.2351, 26.0210, 28.2240
YIQ	137.7600, -8.2520, -4.6360

Conversions

Conversions Part 2

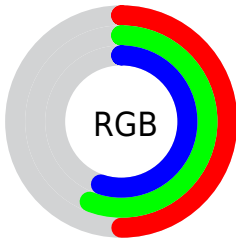
Format	Color
R_{YB}	127, 136, 143
Decimal	8359819
CIE _{Lab}	58.06, -6.58, 0.16
CIE _{LCh}	58, 6.577, 178.579
Yxy	26.0210, 0.2999, 0.3358
Android (android.graphics.Color)	4286549899 (0xFF7F8F8B)
YUV	137.7600, 0.6113, -9.4365
Hunter-Lab	51.0108, -7.9632, 2.9027

Details

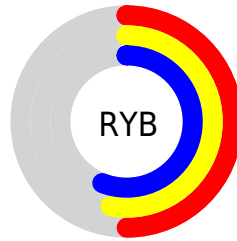
The XYZ color **23.2351, 26.0210, 28.2240** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0148, 22.6579, 24.6345**, and the grayscale version is **24.0666, 25.3200, 27.5735**.

A 20% lighter version of the original color is **48.3031, 53.4416, 57.6386**, and **8.8594, 10.1697, 10.9472** is the 20% darker color. If you saturate the color by 10%, you get **20.9977, 24.8980, 26.7777**, and if you desaturate by 10%, it is **25.7848, 27.3055, 29.7306**.

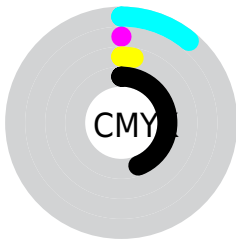
Distribution



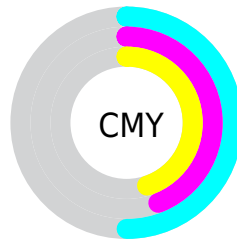
- Red (50%)
- Green (56%)
- Blue (55%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (44%)



- Cyan (50%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2351, 26.0210, 28.2240 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 23.2351, 26.0210, 28.2240 by changing the saturation by 10% instead.

■ 23.2351, 26.0210,
28.2240

■ 23.2351, 26.0210,
28.2240

261.4431,
282.8852, 307.4813

■ 14.8888, 16.8394,
18.2541

■ 48.2429, 53.3088,
57.8693

■ 8.8272, 10.1200,
10.9612

■ 65.6351, 72.1838,
78.3817

■ 4.6849, 5.4786,
5.9269

■ 86.7734, 95.0586,
103.2454

■ 2.0964, 2.5307,
2.7326

112.0231,
122.3178, 132.8788

■ 0.6873, 0.8920,
0.9598

141.7496,
154.3456, 167.7006

■ 0.0000, 0.0000,
0.0000

176.3182,

191.5265, 208.1292

216.0942,
234.2449, 254.5833

■ 23.2351, 26.0210,
28.2240

■ 23.2351, 26.0210,
28.2240

■ 20.9977, 24.8980,
26.7777

■ 25.7848, 27.3055,
29.7306

■ 19.0578, 23.9266,
25.3891

■ 28.6567, 28.7543,
31.2968

■ 17.4023, 23.1010,
24.0575

■ 31.8628, 30.3744,
32.9241

■ 16.0165, 22.4134,
22.7819

■ 35.4139, 32.1713,
34.6135

■ 14.8844, 21.8556,
21.5612

■ 39.3204, 34.1505,
36.3657

■ 13.9882, 21.4185,
20.3939

■ 43.5921, 36.3168,
38.1817

■ 13.3075, 21.0916,
19.2787

■ 48.2384, 38.6753,
40.0622

■ 12.8187, 20.8626,
18.2141

■ 53.2686, 41.2306,
42.0082

■ 12.4892, 20.7124,
17.3150

■ 58.4318, 43.8534,
44.0082

Harmonies

Analogous

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



23.4504, 26.0210, 26.1106



23.2351, 26.0210, 28.2240



23.4138, 26.0210, 30.4790

Triad

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



23.2351, 26.0210, 28.2240



25.4708, 26.0210, 32.3539



25.5378, 26.0210, 24.7579

Complementary

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



23.2351, 26.0210, 28.2240



23.0148, 22.6579, 24.6345

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.



26.0992, 26.0210, 26.2891



23.2351, 26.0210, 28.2240



26.0599, 26.0210, 30.6769

Square

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



23.2351, 26.0210, 28.2240



24.6943, 26.0210, 32.9388



26.2922, 26.0210, 28.4412



24.7701, 26.0210, 24.1769

Rectangle

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



23.2351, 26.0210, 28.2240



23.7345, 26.0210, 31.7441



26.2922, 26.0210, 28.4412



25.7575, 26.0210, 25.1744

Sweetspot

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



23.2358, 26.0221, 28.2246



45.2758, 48.4447, 52.7270



23.0555, 26.0250, 23.8874



10.3004, 11.0680, 12.0439



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.



23.2358, 26.0221, 28.2246



40.7289, 46.1565, 49.9946



22.9825, 25.0388, 29.6095



5.5034, 6.0936, 6.6168



11.0510, 18.3163, 15.3544



0.1145, 0.1786, 0.1932

Inverse Universe

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



23.0148, 22.6579, 24.6345



40.2659, 39.1084, 42.4737



23.2399, 23.5339, 23.3969



5.4608, 5.4448, 5.9245



10.3017, 5.2777, 1.9742



0.1062, 0.0536, 0.0597

Previews

White Background



This preview shows how the XYZ color 23.2351, 26.0210, 28.2240 looks on a white background.

Color Contrast Check

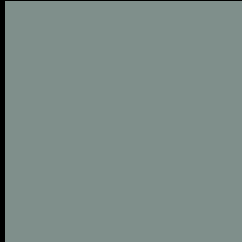
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2351, 26.0210, 28.2240 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

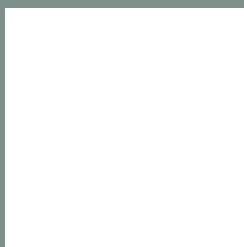
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.2351, 26.0210, 28.2240

Background



This preview shows how black text looks on a background with the XYZ color 23.2351, 26.0210, 28.2240.



This preview shows how white text looks on a background with the XYZ color 23.2351, 26.0210,

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

23.2351, 26.0210, 28.2240

Protanopia

24.9033, 26.0222, 27.3771

Deuteranopia

26.4206, 25.9264, 28.8111



Tritanopia

24.2456, 25.9839, 33.4433

Trichromacy



Original Color

23.2351, 26.0210, 28.2240

Protanomaly

24.2821, 25.9095, 27.7660

Deuteranomaly

25.1498, 25.9100, 28.4865

Tritanomaly

23.8415, 26.0418, 31.3737

Monochromacy



Original Color

23.2351, 26.0210, 28.2240

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7970, 25.6595, 27.7433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2351, 26.0210, 28.2240 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(127, 143, 139) looks like.

```
.text, #text, p{  
    color:rgb(127, 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(127, 143, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 143, 139) }
```

Border

The CSS property to change the border of an element to XYZ 23.2351, 26.0210, 28.2240 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(127, 143, 139) }
```


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

```
.border{ border-color:rgb(127, 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(127, 143, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 143, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 143, 139);  
box-shadow:4px 4px 4px 4px rgb(127, 143,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2351, 26.0210, 28.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 143, 139) }
```

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

```
.background{ background-color: rgb(127,  
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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