

Converting Colors

XYZ(23.6485, 26.1013, 27.0221)

Have a look what the booklet for
XYZ(23.6485, 26.1013, 27.0221)
contains.

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Color

**XYZ(23.6327, 26.0291,
27.0711)**

Conversions

Conversions Part 1

Format	Color
Hex	848E88
RGB	132, 142, 136
RGB Percent	52%, 56%, 53%
CMY	0.4823, 0.4431, 0.4667
CMYK	0.07, 0.00, 0.04, 0.44
HSL	144°, 4%, 54%
HSV	144°, 7%, 56%
XYZ	23.6327, 26.0291, 27.0711
YIQ	138.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

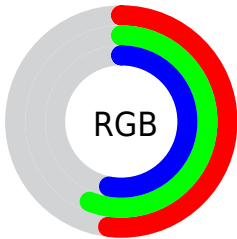
Format	Color
RYB	132, 139, 142
Decimal	8687240
CIELab	58.06, -4.84, 1.94
CIElCh	58, 5.209, 158.170
Yxy	26.0291, 0.3080, 0.3392
Android (android.graphics.Color)	4286877320 (0xFF848E88)
YUV	138.3260, -1.1467, -5.5479
Hunter-Lab	51.0187, -6.5987, 4.2532

Details

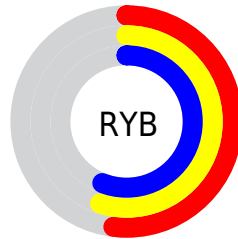
The XYZ color **23.6327, 26.0291, 27.0711** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9950, 24.0891, 27.4311**, and the grayscale version is **24.2880, 25.5528, 27.8270**.

A 20% lighter version of the original color is **48.9328, 53.4683, 55.8855**, and **9.0741, 10.1652, 10.2879** is the 20% darker color. If you saturate the color by 10%, you get **20.9798, 24.7294, 23.9104**, and if you desaturate by 10%, it is **26.6375, 27.5061, 30.5008**.

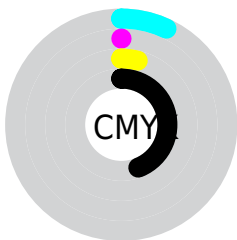
Distribution



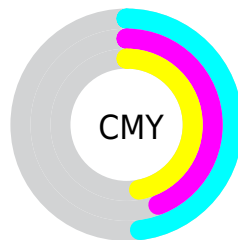
- Red (52%)
- Green (56%)
- Blue (53%)



- Red (52%)
- Yellow (55%)
- Blue (56%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (48%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6327, 26.0291, 27.0711 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 23.6327, 26.0291, 27.0711 by changing the saturation by 10% instead.

■ 23.6327, 26.0291,
27.0711

■ 23.6327, 26.0291,
27.0711

263.4333,
282.9249, 301.7723

■ 15.1846, 16.8454,
17.3937

■ 48.8892, 53.3219,
56.0031

■ 9.0362, 10.1243,
10.3507

■ 66.4284, 72.1998,
76.0947

■ 4.8221, 5.4815,
5.5235

■ 87.7286, 95.0779,
100.4949

■ 2.1770, 2.5324,
2.4935

113.1552,
122.3405, 129.6221

■ 0.7306, 0.8928,
0.8367

143.0737,
154.3722, 163.8949

■ 0.0000, 0.0000,
0.0000

177.8493,

191.5572, 203.7319

217.8474,
234.2800, 249.5515

■ 23.6327, 26.0291,
27.0711

■ 23.6327, 26.0291,
27.0711

■ 20.9798, 24.7294,
23.9104

■ 26.6375, 27.5061,
30.5008

■ 18.6634, 23.5971,
21.0105

■ 30.0046, 29.1634,
34.2039

■ 16.6701, 22.6260,
18.3653

■ 33.7466, 31.0082,
38.1871

■ 14.9848, 21.8085,
15.9678

■ 37.8748, 33.0462,
42.4561

■ 13.5912, 21.1363,
13.8107

■ 42.4001, 35.2828,
47.0166

■ 12.4711, 20.6004,
11.8864

■ 47.3329, 37.7233,
51.8740

■ 11.6046, 20.1904,
10.1868

■ 52.6833, 40.3729,
57.0337

■ 10.9686, 19.8947,
8.7032

■ 58.4608, 43.2363,
62.5008

■ 10.5234, 19.6930,
7.4259

■ 62.8852, 45.3956,
68.1967

Harmonies

Analogous

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



23.9990, 26.0291, 25.7012



23.6327, 26.0291, 27.0711



23.5605, 26.0291, 28.8370

Triad

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



23.6327, 26.0291, 27.0711



24.9124, 26.0291, 31.9146



25.7042, 26.0291, 26.2516

Complementary

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



23.6327, 26.0291, 27.0711



23.9950, 24.0891, 27.4311

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.



25.9580, 26.0291, 27.8513



23.6327, 26.0291, 27.0711



25.4958, 26.0291, 31.1562

Square

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



23.6327, 26.0291, 27.0711



24.2923, 26.0291, 31.6841



25.8811, 26.0291, 29.6506



25.1929, 26.0291, 25.2422

Rectangle

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



23.6327, 26.0291, 27.0711



23.6876, 26.0291, 30.0102



25.8811, 26.0291, 29.6506



25.8228, 26.0291, 26.7353

Sweetspot

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



23.6334, 26.0302, 27.0717



44.2444, 47.1622, 50.7009



24.3477, 26.4307, 25.6487



9.8981, 10.5417, 11.3425



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.



23.6334, 26.0302, 27.0717



41.1176, 45.6270, 47.0869



23.9850, 26.1708, 28.9228



5.4266, 6.0629, 6.2126



9.3518, 17.6366, 6.4070



0.0998, 0.1728, 0.1159

Inverse Universe

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



23.9950, 24.0891, 27.4311



41.8515, 41.6876, 47.8163



23.6526, 23.9521, 25.6279



5.5362, 5.4750, 6.3214



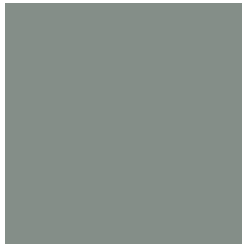
11.5049, 5.7590, 8.3103



0.1209, 0.0594, 0.1369

Previews

White Background



This preview shows how the XYZ color 23.6327, 26.0291, 27.0711 looks on a white background.

Color Contrast Check

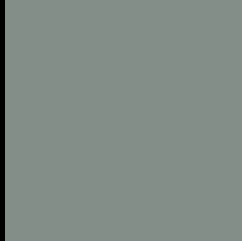
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6327, 26.0291, 27.0711 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

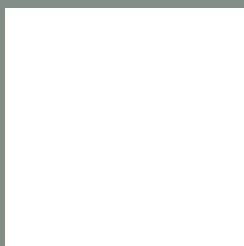
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6327, 26.0291, 27.0711

Background



This preview shows how black text looks on a background with the XYZ color 23.6327, 26.0291, 27.0711.



This preview shows how white text looks on a background with the XYZ color 23.6327, 26.0291,

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

23.6327, 26.0291, 27.0711

Protanopia

24.8634, 26.0261, 26.2674

Deuteranopia

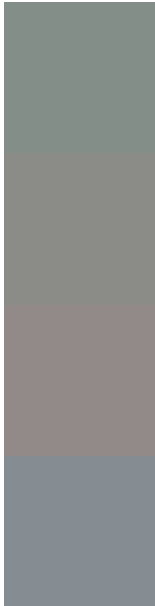
26.3162, 25.9064, 27.2803



Tritanopia

24.7955, 26.0589, 33.0012

Trichromacy



Original Color

23.6327, 26.0291, 27.0711

Protanomaly

24.3987, 25.9944, 26.6531

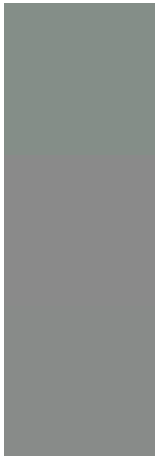
Deuteranomaly

25.2809, 26.0028, 27.3535

Tritanomaly

24.3860, 26.1116, 30.9489

Monochromacy



Original Color

23.6327, 26.0291, 27.0711

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.9013, 25.5056, 27.3303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6327, 26.0291, 27.0711 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(132, 142, 136)` looks like.

```
.text, #text, p{  
    color:rgb(132, 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(132, 142, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 142, 136) }
```

Border

The CSS property to change the border of an element to XYZ 23.6327, 26.0291, 27.0711 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(132, 142, 136) }
```


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

```
.border{ border-color:rgb(132, 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(132, 142, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 142, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 142, 136);  
box-shadow:4px 4px 4px 4px rgb(132, 142,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6327, 26.0291, 27.0711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 142, 136) }
```

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

```
.background{ background-color: rgb(132,  
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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