

Converting Colors

XYZ(24.6219, 26.7189, 29.0589)

Have a look what the booklet for
XYZ(24.6219, 26.7189, 29.0589)
contains.

XYZ(24.6219, 26.7189, 29.0589)	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(24.6219, 26.7189,
29.0589)**

Conversions

Conversions Part 1

Format	Color
Hex	878F8D
RGB	135, 143, 141
RGB Percent	53%, 56%, 55%
CMY	0.4706, 0.4392, 0.4471
CMYK	0.06, 0.00, 0.01, 0.44
HSL	165°, 3%, 55%
HSV	165°, 6%, 56%
XYZ	24.6219, 26.7189, 29.0589
YIQ	140.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

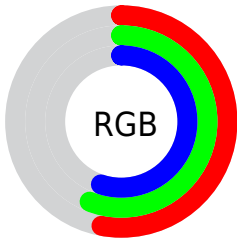
Format	Color
R_{YB}	135, 140, 143
Decimal	8884109
CIE Lab	58.71, -3.30, 0.05
CIE LCh	59, 3.304, 179.144
Yxy	26.7189, 0.3062, 0.3323
Android (android.graphics.Color)	4287074189 (0xFF878F8D)
YUV	140.3800, 0.3057, -4.7183
Hunter-Lab	51.6903, -5.4323, 2.8520

Details

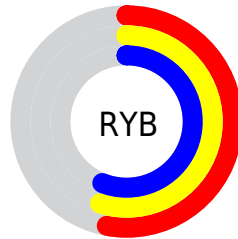
The XYZ color **24.6219, 26.7189, 29.0589** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5080, 24.9745, 27.1971**, and the grayscale version is **25.0757, 26.3816, 28.7296**.

A 20% lighter version of the original color is **50.5556, 54.5640, 59.4971**, and **9.5490, 10.5153, 11.4239** is the 20% darker color. If you saturate the color by 10%, you get **22.2121, 25.5076, 27.5791**, and if you desaturate by 10%, it is **27.3509, 28.0953, 30.5996**.

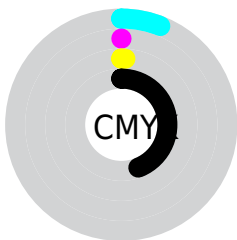
Distribution



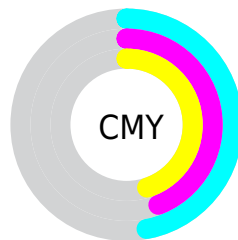
- Red (53%)
- Green (56%)
- Blue (55%)



- Red (53%)
- Yellow (55%)
- Blue (56%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (44%)



- Cyan (47%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6219, 26.7189, 29.0589 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 24.6219, 26.7189, 29.0589 by changing the saturation by 10% instead.

■ 24.6219, 26.7189,
29.0589

■ 24.6219, 26.7189,
29.0589

268.3322,
286.2935, 311.5624

■ 15.9228, 17.3622,
18.8794

■ 50.4905, 54.4325,
59.2140

■ 9.5600, 10.4931,
11.4073

■ 68.3907, 73.5581,
80.0266

■ 5.1683, 5.7271,
6.2239

■ 90.0887, 96.7089,
105.2207

■ 2.3821, 2.6799,
2.9107

115.9497,
124.2692, 135.2149

■ 0.8362, 0.9670,
1.0492

146.3393,
156.6234, 170.4276

■ 0.0000, 0.0000,
0.0000

181.6226,

194.1560, 211.2774

222.1652,
237.2512, 258.1828

■ 24.6219, 26.7189,
29.0589

■ 24.6219, 26.7189,
29.0589

■ 22.2121, 25.5076,
27.5791

■ 27.3509, 28.0953,
30.5996

■ 20.1068, 24.4516,
26.1576

■ 30.4085, 29.6392,
32.2005

■ 18.2939, 23.5453,
24.7937

■ 33.8065, 31.3577,
33.8630

■ 16.7590, 22.7814,
23.4866

■ 37.5553, 33.2559,
35.5881

■ 15.4870, 22.1520,
22.2349

■ 41.6650, 35.3393,
37.3766

■ 14.4611, 21.6486,
21.0375

■ 46.1453, 37.6126,
39.2293

■ 13.6624, 21.2614,
19.8931

■ 51.0054, 40.0806,
41.1471

■ 13.0695, 20.9793,
18.8001

■ 56.2543, 42.7481,
43.1308

■ 12.6513, 20.7863,
17.7568

■ 58.6255, 43.9309,
45.0279

Harmonies

Analogous

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



24.7304, 26.7189, 27.9592



24.6219, 26.7189, 29.0589



24.7189, 26.7189, 30.1963

Triad

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



24.6219, 26.7189, 29.0589



25.7781, 26.7189, 31.0918



25.7985, 26.7189, 27.2125

Complementary

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



24.6219, 26.7189, 29.0589



24.5080, 24.9745, 27.1971

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.



26.0844, 26.7189, 28.0156



24.6219, 26.7189, 29.0589



26.0725, 26.7189, 30.2557

Square

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



24.6219, 26.7189, 29.0589



25.3838, 26.7189, 31.3887



26.1852, 26.7189, 29.1258



25.4072, 26.7189, 26.9108

Rectangle

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



24.6219, 26.7189, 29.0589



24.8876, 26.7189, 30.8187



26.1852, 26.7189, 29.1258



25.9103, 26.7189, 27.4317

Sweetspot

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



24.6227, 26.7200, 29.0595



45.7630, 48.6902, 53.0061



24.5349, 26.7250, 26.7875



10.5088, 11.1730, 12.1637



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.



24.6227, 26.7200, 29.0595



43.3863, 47.4932, 51.6200



24.4950, 26.2242, 29.7586



5.6091, 6.1468, 6.6803



11.0503, 18.3160, 15.3511



0.1145, 0.1786, 0.1932

Inverse Universe

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



24.5080, 24.9745, 27.1971



43.1268, 43.5405, 47.4027



24.6285, 25.4432, 26.5352



5.5746, 5.6215, 6.1199



10.3019, 5.2778, 1.9752



0.1062, 0.0536, 0.0597

Previews

White Background



This preview shows how the XYZ color 24.6219, 26.7189, 29.0589 looks on a white background.

Color Contrast Check

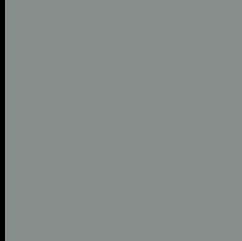
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6219, 26.7189, 29.0589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

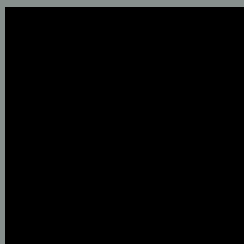
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

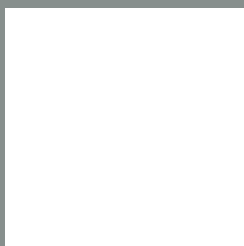
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6219, 26.7189, 29.0589

Background



This preview shows how black text looks on a background with the XYZ color 24.6219, 26.7189, 29.0589.



This preview shows how white text looks on a background with the XYZ color 24.6219, 26.7189,

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

24.6219, 26.7189, 29.0589

Protanopia

25.6133, 26.5789, 28.5912

Deuteranopia

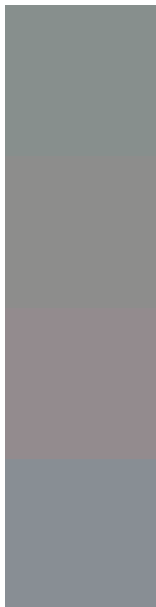
27.1546, 26.7143, 29.3164



Tritanopia

25.5089, 26.6351, 33.5024

Trichromacy



Original Color

24.6219, 26.7189, 29.0589

Protanomaly

25.2430, 26.6059, 28.6160

Deuteranomaly

26.1477, 26.6213, 29.3515

Tritanomaly

25.1716, 26.7184, 31.8474

Monochromacy



Original Color

24.6219, 26.7189, 29.0589

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.7397, 26.3465, 28.5924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6219, 26.7189, 29.0589 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(135, 143, 141)` looks like.

```
.text, #text, p{  
    color:rgb(135, 143, 141)  
}
```

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(135, 143, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 143, 141) }
```

Border

The CSS property to change the border of an element to XYZ 24.6219, 26.7189, 29.0589 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(135, 143, 141) }
```


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

```
.border{ border-color:rgb(135, 143, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 143, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 143, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 143, 141);  
box-shadow:4px 4px 4px 4px rgb(135, 143,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6219, 26.7189, 29.0589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 143, 141) }
```

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

```
.background{ background-color: rgb(135,  
143, 141) }
```

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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