

Converting Colors

XYZ(24.4214, 27.0104, 28.2568)

Have a look what the booklet for
XYZ(24.4214, 27.0104, 28.2568)
contains.

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Color

**XYZ(24.4585, 27.1014,
28.3681)**

Conversions

Conversions Part 1

Format	Color
Hex	85918B
RGB	133, 145, 139
RGB Percent	52%, 57%, 55%
CMY	0.4784, 0.4314, 0.4549
CMYK	0.08, 0.00, 0.04, 0.43
HSL	150°, 5%, 55%
HSV	150°, 8%, 57%
XYZ	24.4585, 27.1014, 28.3681
YIQ	140.7280, -5.2260, -4.4100

Conversions

Conversions Part 2

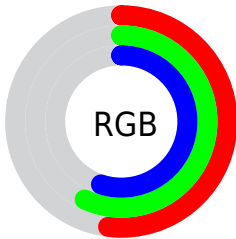
Format	Color
R_{YB}	133, 141, 145
Decimal	8753547
CIE _{Lab}	59.07, -5.54, 1.69
CIE _{LCh}	59, 5.792, 163.038
Y _{xy}	27.1014, 0.3060, 0.3391
Android (android.graphics.Color)	4286943627 (0xFF85918B)
Y _{UV}	140.7280, -0.8519, -6.7775
Hunter-Lab	52.0590, -7.2399, 4.1329

Details

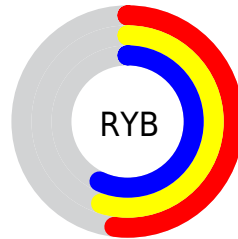
The XYZ color **24.4585, 27.1014, 28.3681** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.7258, 24.6597, 27.8840**, and the grayscale version is **25.2163, 26.5295, 28.8906**.

A 20% lighter version of the original color is **50.1876, 55.0917, 57.8578**, and **9.4627, 10.7447, 11.0264** is the 20% darker color. If you saturate the color by 10%, you get **21.8131, 25.7976, 25.5698**, and if you desaturate by 10%, it is **27.4567, 28.5845, 31.3676**.

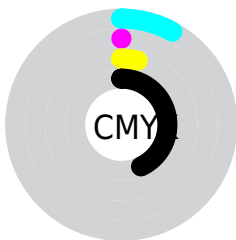
Distribution



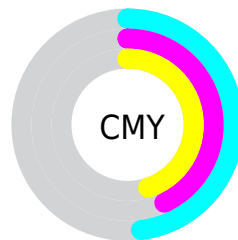
- Red (52%)
- Green (57%)
- Blue (55%)



- Red (52%)
- Yellow (55%)
- Blue (57%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (43%)



- Cyan (48%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4585, 27.1014, 28.3681 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 24.4585, 27.1014, 28.3681 by changing the saturation by 10% instead.

■ 24.4585, 27.1014,
28.3681

■ 24.4585, 27.1014,
28.3681

267.5280,
288.1477, 308.1888

■ 15.8007, 17.6494,
18.3619

■ 50.2266, 55.0465,
58.1018

■ 9.4732, 10.6986,
11.0380

■ 68.0676, 74.3085,
78.6663

■ 5.1106, 5.8645,
5.9779

■ 89.7004, 97.6091,
103.5873

■ 2.3477, 2.7629,
2.7631

115.4903,
125.3330, 133.2833

■ 0.8189, 1.0092,
0.9750

145.8026,
157.8644, 168.1729

■ 0.0000, 0.0000,
0.0000

181.0028,

195.5877, 208.6747

221.4561,
238.8873, 255.2071

■ 24.4585, 27.1014,
28.3681

■ 24.4585, 27.1014,
28.3681

■ 21.8131, 25.7976,
25.5698

■ 27.4567, 28.5845,
31.3676

■ 19.5046, 24.6627,
22.9667

■ 30.8181, 30.2500,
34.5704

■ 17.5193, 23.6906,
20.5550

■ 34.5557, 32.1052,
37.9811

■ 15.8417, 22.8733,
18.3304

■ 38.6810, 34.1559,
41.6035

■ 14.4550, 22.2022,
16.2880

■ 43.2051, 36.4079,
45.4413

■ 13.3406, 21.6678,
14.4231

■ 48.1385, 38.8665,
49.4981

■ 12.4775, 21.2595,
12.7305

■ 53.4915, 41.5369,
53.7773

■ 11.8418, 20.9648,
11.2047

■ 59.2739, 44.4241,
58.2824

■ 11.3843, 20.7588,
9.8389

■ 62.2969, 45.8842,
62.8671

Harmonies

Analogous

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



24.8265, 27.1014, 26.7070



24.4585, 27.1014, 28.3681



24.4348, 27.1014, 30.4116

Triad

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



24.4585, 27.1014, 28.3681



26.0724, 27.1014, 33.5390



26.7834, 27.1014, 26.8868

Complementary

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



24.4585, 27.1014, 28.3681



24.7258, 24.6597, 27.8840

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.



27.1303, 27.1014, 28.6241



24.4585, 27.1014, 28.3681



26.7147, 27.1014, 32.5001

Square

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



24.4585, 27.1014, 28.3681



25.3576, 27.1014, 33.4626



27.1049, 27.1014, 30.6797



26.1647, 27.1014, 25.8795

Rectangle

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



24.4585, 27.1014, 28.3681



24.6168, 27.1014, 31.7218



27.1049, 27.1014, 30.6797



26.9362, 27.1014, 27.4013

Sweetspot

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



24.4593, 27.1026, 28.3687



47.0724, 50.1512, 54.1078



25.0409, 27.4517, 26.1697



10.4878, 11.1646, 12.0527



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.



24.4593, 27.1026, 28.3687



42.8373, 48.0587, 49.8060



24.8946, 27.2767, 30.6614



5.4482, 6.0715, 6.3263



9.7150, 17.7819, 8.3191



0.1040, 0.1744, 0.1380

Inverse Universe

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



24.7258, 24.6597, 27.8840



43.4185, 42.7317, 48.7491



24.3129, 24.4945, 25.7098



5.5143, 5.4662, 6.2062



11.0467, 5.5757, 5.8972



0.1167, 0.0577, 0.1149

Previews

White Background



This preview shows how the XYZ color 24.4585, 27.1014, 28.3681 looks on a white background.

Color Contrast Check

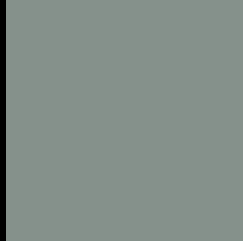
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4585, 27.1014, 28.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

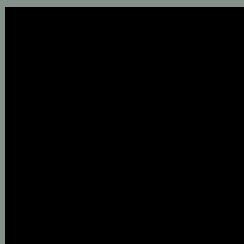
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

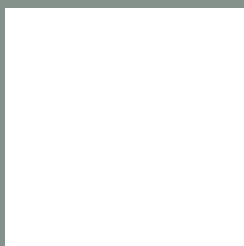
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4585, 27.1014, 28.3681

Background



This preview shows how black text looks on a background with the XYZ color 24.4585, 27.1014, 28.3681.



This preview shows how white text looks on a background with the XYZ color 24.4585, 27.1014,

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

24.4585, 27.1014, 28.3681

Protanopia

25.8943, 26.9669, 27.5073

Deuteranopia

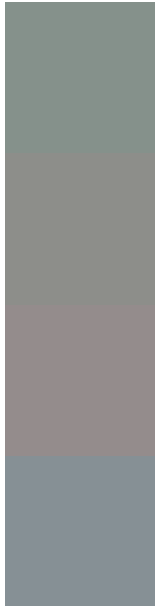
27.4637, 26.8823, 28.9406



Tritanopia

25.6469, 27.1289, 34.4565

Trichromacy



Original Color

24.4585, 27.1014, 28.3681

Protanomaly

25.2450, 26.8437, 27.8956

Deuteranomaly

26.3245, 26.9455, 28.6245

Tritanomaly

25.2296, 27.1848, 32.3512

Monochromacy



Original Color

24.4585, 27.1014, 28.3681

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.8879, 26.6427, 28.6418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4585, 27.1014, 28.3681 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(133, 145, 139)` looks like.

```
.text, #text, p{  
    color:rgb(133, 145, 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(133, 145, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 145, 139) }
```

Border

The CSS property to change the border of an element to XYZ 24.4585, 27.1014, 28.3681 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(133, 145, 139) }
```


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

```
.border{ border-color:rgb(133, 145, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 145, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 145, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 145, 139);  
box-shadow:4px 4px 4px 4px rgb(133, 145,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4585, 27.1014, 28.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 145, 139) }
```

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

```
.background{ background-color: rgb(133,  
145, 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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