

Converting Colors

XYZ(26.4087, 25.9610, 28.4899)

Have a look what the booklet for
XYZ(26.4087, 25.9610, 28.4899)
contains.

XYZ(26.3465, 25.8968, 28.4209)	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(26.3465, 25.8968,
28.4209)**

Conversions

Conversions Part 1

Format	Color
Hex	98878C
RGB	152, 135, 140
RGB Percent	60%, 53%, 55%
CMY	0.4039, 0.4706, 0.4510
CMYK	0.00, 0.11, 0.08, 0.40
HSL	342°, 8%, 56%
HSV	342°, 11%, 60%
XYZ	26.3465, 25.8968, 28.4209
YIQ	140.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

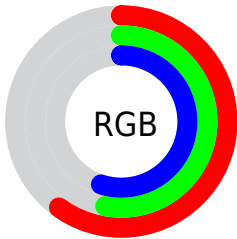
Format	Color
R_{YB}	152, 135, 140
Decimal	9996172
CIE _{Lab}	57.94, 7.31, -0.34
CIE _{LCh}	58, 7.316, 357.366
Yxy	25.8968, 0.3266, 0.3210
Android (android.graphics.Color)	4288186252 (0xFF98878C)
YUV	140.6530, -0.3219, 9.9513
Hunter-Lab	50.8889, 3.3585, 2.5094

Details

The XYZ color **26.3465, 25.8968, 28.4209** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.4874, 29.7146, 31.9447**, and the grayscale version is **25.1811, 26.4925, 28.8503**.

A 20% lighter version of the original color is **53.0625, 52.9385, 57.8735**, and **10.4608, 10.0019, 11.0521** is the 20% darker color. If you saturate the color by 10%, you get **23.6223, 21.6534, 23.7975**, and if you desaturate by 10%, it is **29.4521, 30.7789, 33.5529**.

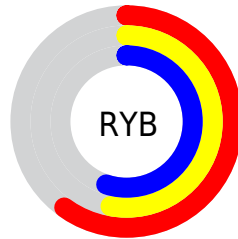
Distribution



Red (60%)

Green (53%)

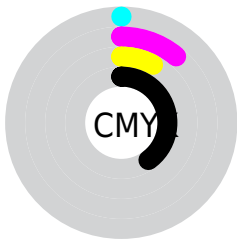
Blue (55%)



Red (60%)

Yellow (53%)

Blue (55%)

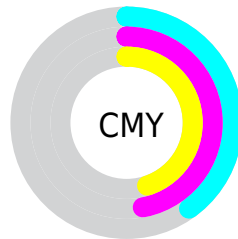


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3465, 25.8968, 28.4209 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 26.3465, 25.8968, 28.4209 by changing the saturation by 10% instead.

■ 26.3465, 25.8968,
28.4209

■ 26.3465, 25.8968,
28.4209

276.7045,
282.2751, 308.4477

■ 17.2171, 16.7465,
18.4014

■ 53.2607, 53.1084,
58.1869

■ 10.4856, 10.0539,
11.0661

■ 71.7763, 71.9385,
78.7705

■ 5.7868, 5.4347,
5.9966

■ 94.1512, 94.7639,
103.7124

■ 2.7553, 2.5045,
2.7743

120.7509,
121.9690, 133.4314

■ 1.0257, 0.8789,
0.9806

151.9407,
153.9384, 168.3458

■ 0.0000, 0.0000,
0.0000

188.0860,

191.0562, 208.8744

229.5522,
233.7070, 255.4355

■ 26.3465, 25.8968,
28.4209

■ 26.3465, 25.8968,
28.4209

■ 23.6223, 21.6534,
23.7975

■ 29.4521, 30.7789,
33.5529

■ 21.2625, 18.0189,
19.6651

■ 32.9511, 36.3213,
39.2068

■ 19.2516, 14.9662,
16.0077

■ 36.8576, 42.5484,
45.3978

■ 17.5726, 12.4647,
12.8076

■ 41.1843, 49.4828,
52.1397

■ 16.2068, 10.4812,
10.0460

■ 45.9434, 57.1457,
59.4459

■ 15.1335, 8.9787,
7.7027

■ 51.1467, 65.5576,
67.3293

■ 14.3295, 7.9152,
5.7557

■ 56.8052, 74.7381,
75.8024

■ 13.7676, 7.2415,
4.1808

■ 62.4160, 83.6783,
84.7059

■ 13.4167, 6.8626,
3.0688

■ 63.9341, 84.2855,
92.6998

Harmonies

Analogous

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



26.0693, 25.8968, 30.8969



26.3465, 25.8968, 28.4209



26.1504, 25.8968, 26.0241

Triad

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



26.3465, 25.8968, 28.4209



23.8432, 25.8968, 24.1020



23.7113, 25.8968, 32.4861

Complementary

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



26.3465, 25.8968, 28.4209



26.4874, 29.7146, 31.9447

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.



23.1393, 25.8968, 30.4880



26.3465, 25.8968, 28.4209



23.2141, 25.8968, 25.6595

Square

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



26.3465, 25.8968, 28.4209



24.6921, 25.8968, 23.6206



22.9594, 25.8968, 27.9747



24.5363, 25.8968, 33.3298

Rectangle

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



26.3465, 25.8968, 28.4209



25.7801, 25.8968, 24.7745



22.9594, 25.8968, 27.9747



23.4838, 25.8968, 31.9215

Sweetspot

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



26.3472, 25.8979, 28.4215



50.9049, 52.6233, 57.4547



26.3471, 25.7900, 33.2954



11.4707, 11.8042, 12.8957



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.3472, 25.8979, 28.4215



45.4549, 44.0699, 48.4035



26.4689, 26.7177, 26.6850



6.2798, 6.2511, 6.8535



11.2617, 5.7589, 2.6373



0.1829, 0.0919, 0.1157

Inverse Universe

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



26.3472, 25.8979, 28.4215



45.4549, 44.0699, 48.4035



26.3443, 28.7872, 33.8741



6.2798, 6.2511, 6.8535



11.2617, 5.7589, 2.6373



0.1829, 0.0919, 0.1157

Previews

White Background



This preview shows how the XYZ color 26.3465, 25.8968, 28.4209 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 26.3465, 25.8968, 28.4209 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 26.3465, 25.8968, 28.4209

Background



This preview shows how black text looks on a background with the XYZ color 26.3465, 25.8968, 28.4209.



This preview shows how white text looks on a background with the XYZ color 26.3465, 25.8968,

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

26.3465, 25.8968, 28.4209

Protanopia

25.0996, 26.0810, 29.3024

Deuteranopia

26.3465, 25.8968, 28.4209



Tritanopia

26.7728, 25.8668, 30.3698

Trichromacy



Original Color

26.3465, 25.8968, 28.4209

Protanomaly

25.5733, 26.1198, 28.8931

Deuteranomaly

26.3465, 25.8968, 28.4209

Tritanomaly

26.6199, 25.8057, 29.5646

Monochromacy



Original Color

26.3465, 25.8968, 28.4209

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.7174, 26.4081, 28.9411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3465, 25.8968, 28.4209 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(152, 135, 140)` looks like.

```
.text, #text, p{  
    color:rgb(152, 135, 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(152, 135, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 135, 140) }
```

Border

The CSS property to change the border of an element to XYZ 26.3465, 25.8968, 28.4209 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(152, 135, 140) }
```


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

```
.border{ border-color:rgb(152, 135, 140) }
```

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

Here you see how a box with a 4 pixel rgb(152, 135, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 135, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 135, 140);  
box-shadow:4px 4px 4px 4px rgb(152, 135,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3465, 25.8968, 28.4209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 135, 140) }
```

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

```
.background{ background-color: rgb(152,  
135, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor