

# Converting Colors

XYZ(26.5652, 26.9189, 28.2222)

Have a look what the booklet for  
XYZ(26.5652, 26.9189, 28.2222)  
contains.

<b>XYZ(26.4705, 26.8133, 28.2064)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(26.4705, 26.8133,  
28.2064)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	968B8B
RGB	150, 139, 139
RGB Percent	59%, 55%, 55%
CMY	0.4118, 0.4549, 0.4549
CMYK	0.00, 0.07, 0.07, 0.41
HSL	0°, 5%, 57%
HSV	0°, 7%, 59%
XYZ	26.4705, 26.8133, 28.2064
YIQ	142.2890, 6.5560, 2.3320

# Conversions

## Conversions Part 2

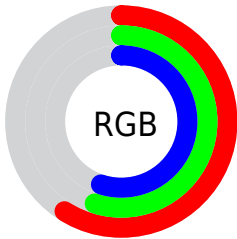
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 139, 139
Decimal	9866123
CIE Lab	58.80, 4.10, 1.47
CIE LCh	59, 4.359, 19.746
Yxy	26.8133, 0.3248, 0.3290
Android (android.graphics.Color)	4288056203 (0xFF968B8B)
YUV	142.2890, -1.6215, 6.7625
Hunter-Lab	51.7816, 0.6307, 3.9507

# Details

The XYZ color **26.4705, 26.8133, 28.2064** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0588, 29.5033, 33.1231**, and the grayscale version is **25.8306, 27.1758, 29.5944**.

A 20% lighter version of the original color is **53.2659, 54.3424, 57.5509**, and **10.5211, 10.5187, 10.9270** is the 20% darker color. If you saturate the color by 10%, you get **23.4245, 22.3564, 22.1497**, and if you desaturate by 10%, it is **29.9663, 31.9285, 35.1557**.

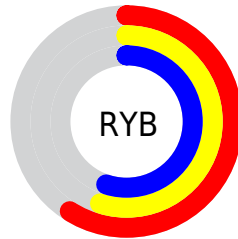
# Distribution



Red (59%)

Green (55%)

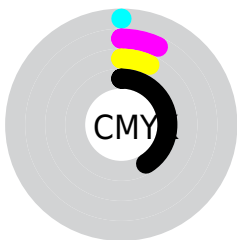
Blue (55%)



Red (59%)

Yellow (55%)

Blue (55%)

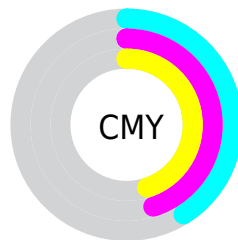


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (41%)



Cyan (41%)

Magenta (45%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4705, 26.8133, 28.2064 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 26.4705, 26.8133, 28.2064 by changing the saturation by 10% instead.



■ 26.4705, 26.8133,  
28.2064

■ 26.4705, 26.8133,  
28.2064

277.2987,  
286.7520, 307.3948

■ 17.3105, 17.4331,  
18.2409

■ 53.4589, 54.5841,  
57.8409

■ 10.5528, 10.5437,  
10.9519

■ 72.0180, 73.7435,  
78.3469

■ 5.8320, 5.7609,  
5.9207

■ 94.4409, 96.9314,  
103.2036

■ 2.7829, 2.7003,  
2.7289

121.0928,  
124.5321, 132.8294

■ 1.0400, 0.9773,  
0.9579

152.3392,  
156.9302, 167.6428

■ 0.0000, 0.0000,  
0.0000

188.5454,

194.5099, 208.0625

230.0768,  
237.6557, 254.5070

■ 26.4705, 26.8133,  
28.2064

■ 26.4705, 26.8133,  
28.2064

■ 23.4245, 22.3564,  
22.1497

■ 29.9663, 31.9285,  
35.1557

■ 20.8079, 18.5277,  
16.9477

■ 33.9268, 37.7235,  
43.0299

■ 18.6022, 15.3001,  
12.5626

■ 38.3688, 44.2231,  
51.8617

■ 16.7864, 12.6431,  
8.9528

■ 43.3080, 51.4500,  
61.6819

■ 15.3378, 10.5234,  
6.0734

■ 48.7588, 59.4256,  
72.5197

■ 14.2315, 8.9045,  
3.8744

■ 54.7356, 68.1707,  
84.4033

■ 13.4394, 7.7452,  
2.3000

■ 61.2519, 77.7052,  
97.3595

■ 12.9288, 6.9979,  
1.2854

■ 66.3879, 85.2241,  
107.5586

■ 12.6436, 6.5805,  
0.7186

# Harmonies

## Analogous

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



26.5159, 26.8133, 29.7252



26.4705, 26.8133, 28.2064



26.1590, 26.8133, 26.9937

# Triad

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



26.4705, 26.8133, 28.2064



24.7045, 26.8133, 27.3238



25.3017, 26.8133, 32.2060

# Complementary

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



26.4705, 26.8133, 28.2064



27.0588, 29.5033, 33.1231

# 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.



24.8232, 26.8133, 31.5131



26.4705, 26.8133, 28.2064



24.4816, 26.8133, 28.6713

# Square

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



26.4705, 26.8133, 28.2064



25.1376, 26.8133, 26.4967



24.5247, 26.8133, 30.2067



25.8360, 26.8133, 32.0708



# Rectangle

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



26.4705, 26.8133, 28.2064



25.8447, 26.8133, 26.5051



24.5247, 26.8133, 30.2067



25.1291, 26.8133, 32.0613

# Sweetspot

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



26.4713, 26.8145, 28.2070



49.8800, 51.9517, 56.0704



27.3157, 27.1517, 32.6557



11.0718, 11.5391, 12.4611



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896



# Same Dimension

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



26.4713, 26.8145, 28.2070



45.6652, 45.7845, 47.6907



27.2874, 28.4469, 28.4790



5.8009, 5.8156, 6.0572



10.4320, 5.3784, 0.4883



0.1277, 0.0659, 0.0060



# Inverse Universe

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



27.0588, 29.5033, 33.1231



46.9471, 51.6508, 58.4165



26.2020, 27.7897, 32.8375



5.9640, 6.5620, 7.4220



13.6067, 19.9082, 27.0566



0.1666, 0.2437, 0.3312



# Previews

## White Background



This preview shows how the XYZ color 26.4705, 26.8133, 28.2064 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 26.4705, 26.8133, 28.2064 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

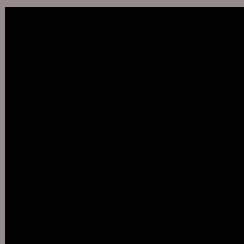
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**XYZ 26.4705, 26.8133, 28.2064**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.4705, 26.8133, 28.2064.



This preview shows how white text looks on a background with the XYZ color 26.4705, 26.8133,



# 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

26.4705, 26.8133, 28.2064

### Protanopia

25.7601, 26.8725, 28.6401

### Deuteranopia

27.3162, 26.8233, 28.1638



## Tritanopia

27.1963, 26.8944, 31.7747

# Trichromacy



## Original Color

26.4705, 26.8133, 28.2064

## Protanomaly

25.9658, 26.7606, 28.6077

## Deuteranomaly

27.0751, 26.9111, 28.1934

## Tritanomaly

26.9618, 26.8006, 30.5401

# Monochromacy



## Original Color

26.4705, 26.8133, 28.2064

## Achromatopsia

25.7108, 27.0498, 29.4572

## Achromatomaly

26.0096, 26.9926, 29.0385

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.4705, 26.8133, 28.2064 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(150, 139, 139)` looks like.

```
.text, #text, p{  
    color:rgb(150, 139, 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(150, 139, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 139, 139) }
```

## Border

The CSS property to change the border of an element to XYZ 26.4705, 26.8133, 28.2064 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(150, 139, 139) }
```



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

```
.border{ border-color:rgb(150, 139, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 139, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 139, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 139, 139);  
box-shadow:4px 4px 4px 4px rgb(150, 139,  
139) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.4705, 26.8133, 28.2064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 139, 139) }
```

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

```
.background{ background-color: rgb(150,  
139, 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](#).

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