

# Converting Colors

XYZ(25.5454, 25.5935, 32.8718)

Have a look what the booklet for  
XYZ(25.5454, 25.5935, 32.8718)  
contains.

<b>XYZ(25.5454, 25.5935, 32.8718)</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(25.5454, 25.5935,  
32.8718)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E8897
RGB	142, 136, 151
RGB Percent	56%, 53%, 59%
CMY	0.4431, 0.4667, 0.4078
CMYK	0.06, 0.10, 0.00, 0.41
HSL	264°, 7%, 56%
HSV	264°, 10%, 59%
XYZ	25.5454, 25.5935, 32.8718
YIQ	139.5040, -1.2390, 5.9370

# Conversions

## Conversions Part 2

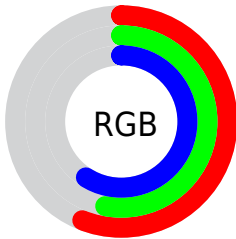
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 136, 151
Decimal	9341079
CIE Lab	57.65, 5.22, -7.19
CIE LCh	58, 8.882, 305.984
Yxy	25.5935, 0.3041, 0.3046
Android (android.graphics.Color)	4287531159 (0xFF8E8897)
YUV	139.5040, 5.6675, 2.1890
Hunter-Lab	50.5900, 1.6009, -3.1118




# Details

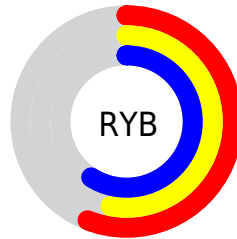
The XYZ color **25.5454, 25.5935, 32.8718** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.1886, 29.9312, 27.6382**, and the grayscale version is **24.7148, 26.0019, 28.3161**.




A 20% lighter version of the original color is **51.9820, 52.5387, 65.1589**, and **10.0417, 9.8510, 13.4288** is the 20% darker color. If you saturate the color by 10%, you get **22.0750, 20.8673, 32.1429**, and if you desaturate by 10%, it is **29.4434, 30.9863, 33.7077**.

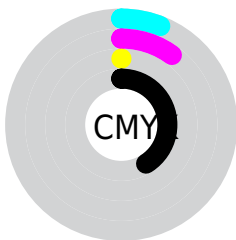
# Distribution







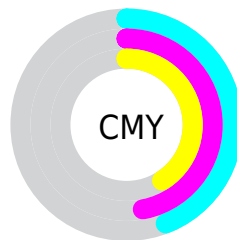
-  Red (56%)
-  Green (53%)
-  Blue (59%)






-  Red (56%)
-  Yellow (53%)
-  Blue (59%)



-  Cyan (6%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (41%)



-  Cyan (44%)
-  Magenta (47%)
-  Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5454, 25.5935, 32.8718 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 25.5454, 25.5935, 32.8718 by changing the saturation by 10% instead.



■ 25.5454, 25.5935,  
32.8718

■ 25.5454, 25.5935,  
32.8718

272.8411,  
280.7809, 329.6859

■ 16.6148, 16.5198,  
21.7579

■ 51.9772, 52.6184,  
65.2890

■ 10.0538, 9.8927,  
13.4825

■ 70.2091, 71.3384,  
87.4295

■ 5.4972, 5.3279,  
7.6270

■ 92.2720, 94.0427,  
114.0825

■ 2.5796, 2.4409,  
3.7729

118.5315,  
121.1155, 145.6668

■ 0.9355, 0.8468,  
1.5016

149.3528,  
152.9413, 182.6007

■ 0.0000, 0.0000,  
0.2191

185.1012,

■ 0.0000, 0.0000,

189.9046, 225.3028

0.0000

226.1422,  
232.3896, 274.1917

■ 25.5454, 25.5935,  
32.8718

■ 25.5454, 25.5935,  
32.8718

■ 22.0750, 20.8673,  
32.1429

■ 29.4434, 30.9863,  
33.7077

■ 19.0143, 16.7780,  
31.5148

■ 33.7813, 37.0673,  
34.6528

■ 16.3479, 13.2983,  
30.9837

■ 38.5737, 43.8614,  
35.7116

■ 14.0580, 10.3979,  
30.5446

■ 43.8340, 51.3909,  
36.8877

■ 12.1255, 8.0437,  
30.1920

■ 49.5748, 59.6775,  
38.1846

10.5296, 6.1989,  
29.9201

55.8082, 68.7417,  
39.6056

9.2468, 4.8223,  
29.7220

62.5462, 78.6033,  
41.1540

8.2502, 3.8657,  
29.5899

69.2217, 88.1248,  
42.6400

7.4777, 3.2113,  
29.5043

71.9486, 89.5306,  
42.7676

# Harmonies

## Analogous

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



24.5393, 25.5935, 34.0969



25.5454, 25.5935, 32.8718



26.2390, 25.5935, 30.3154

# Triad

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



25.5454, 25.5935, 32.8718



25.1664, 25.5935, 22.8594



22.3511, 25.5935, 28.4810

# Complementary

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



25.5454, 25.5935, 32.8718



27.1886, 29.9312, 27.6382

# 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.



22.5080, 25.5935, 25.5541



25.5454, 25.5935, 32.8718



24.1136, 25.5935, 22.4463

# Square

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



25.5454, 25.5935, 32.8718



26.0158, 25.5935, 24.5704



23.1458, 25.5935, 23.3978



22.7107, 25.5935, 31.4460



# Rectangle

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



25.5454, 25.5935, 32.8718



26.4201, 25.5935, 28.2786



23.1458, 25.5935, 23.3978



22.3453, 25.5935, 27.4594

# Sweetspot

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



25.5462, 25.5946, 32.8724



50.4621, 52.3409, 59.8768



25.9038, 27.7968, 33.2786



11.3450, 11.7240, 13.5825



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.



25.5462, 25.5946, 32.8724



44.2478, 43.7781, 58.5516



26.8310, 26.2569, 32.9325



6.1066, 6.1408, 7.7924



6.3878, 2.7441, 25.1007



0.1349, 0.0613, 0.3771



# Inverse Universe

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



26.6784, 26.2332, 30.4468



46.7209, 45.1734, 53.2299



25.9514, 29.2934, 27.5803



6.3565, 6.2818, 7.2577



12.4640, 6.2399, 8.9686



0.2042, 0.1004, 0.2283



# Previews

## White Background



This preview shows how the XYZ color 25.5454, 25.5935, 32.8718 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 25.5454, 25.5935, 32.8718 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

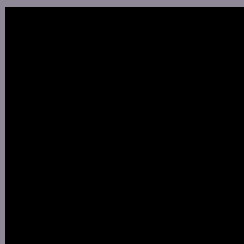
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**XYZ 25.5454, 25.5935, 32.8718**

## **Background**



This preview shows how black text looks on a background with the XYZ color 25.5454, 25.5935, 32.8718.



This preview shows how white text looks on a background with the XYZ color 25.5454, 25.5935,



# 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

25.5454, 25.5935, 32.8718

### Protanopia

25.0725, 25.7623, 33.3569

### Deuteranopia

26.1039, 25.6733, 32.8578



## Tritanopia

25.1966, 25.6606, 31.2288

# Trichromacy



## Original Color

25.5454, 25.5935, 32.8718

## Protanomaly

25.2606, 25.6473, 33.3248

## Deuteranomaly

25.9269, 25.5821, 32.8495

## Tritanomaly

25.2755, 25.6922, 31.6439

# Monochromacy



## Original Color

25.5454, 25.5935, 32.8718

## Achromatopsia

24.9269, 26.2251, 28.5591

## Achromatomaly

25.2512, 26.1416, 30.1005

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 25.5454, 25.5935, 32.8718 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(142, 136, 151)` looks like.

```
.text, #text, p{  
    color:rgb(142, 136, 151)  
}
```

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(142, 136, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 136, 151) }
```

## Border

The CSS property to change the border of an element to XYZ 25.5454, 25.5935, 32.8718 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(142, 136, 151) }
```



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

```
.border{ border-color:rgb(142, 136, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 136, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 136, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 136, 151);  
box-shadow:4px 4px 4px 4px rgb(142, 136,  
151) }
```

# Background

The CSS property to change the background color of an element to XYZ 25.5454, 25.5935, 32.8718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 136, 151) }
```

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

```
.background{ background-color: rgb(142,  
136, 151) }
```

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