

Converting Colors

XYZ(24.9751, 25.1413, 33.5280)

Have a look what the booklet for
XYZ(24.9751, 25.1413, 33.5280)
contains.

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Color

**XYZ(24.8950, 25.0311,
33.6564)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8799
RGB	138, 135, 153
RGB Percent	54%, 53%, 60%
CMY	0.4588, 0.4706, 0.4000
CMYK	0.10, 0.12, 0.00, 0.40
HSL	250°, 8%, 56%
HSV	250°, 12%, 60%
XYZ	24.8950, 25.0311, 33.6564
YIQ	137.9490, -3.9900, 6.2340

Conversions

Conversions Part 2

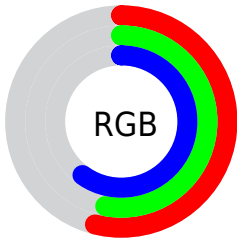
Format	Color
R_{YB}	138, 135, 153
Decimal	9078681
CIE _{Lab}	57.11, 4.80, -9.18
CIE _{LCh}	57, 10.362, 297.592
Yxy	25.0311, 0.2978, 0.2995
Android (android.graphics.Color)	4287268761 (0xFF8A8799)
YUV	137.9490, 7.4201, 0.0447
Hunter-Lab	50.0311, 1.2655, -4.8632

Details

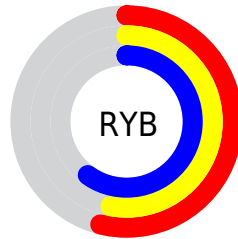
The XYZ color **24.8950, 25.0311, 33.6564** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.3429, 31.0164, 27.4157**, and the grayscale version is **24.1123, 25.3681, 27.6258**.

A 20% lighter version of the original color is **50.7316, 51.5478, 66.3074**, and **9.6713, 9.5310, 13.9003** is the 20% darker color. If you saturate the color by 10%, you get **20.9247, 20.0404, 32.9027**, and if you desaturate by 10%, it is **29.4213, 30.7652, 34.5250**.

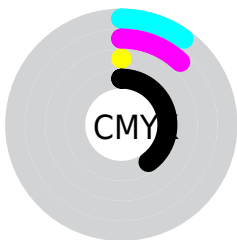
Distribution



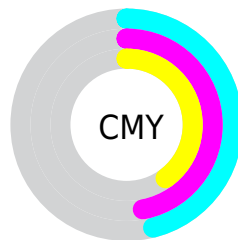
- Red (54%)
- Green (53%)
- Blue (60%)



- Red (54%)
- Yellow (53%)
- Blue (60%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (40%)



- Cyan (46%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8950, 25.0311, 33.6564 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 24.8950, 25.0311, 33.6564 by changing the saturation by 10% instead.

■ 24.8950, 25.0311,
33.6564

■ 24.8950, 25.0311,
33.6564

269.6719,
277.9928, 333.3195

■ 16.1272, 16.1002,
22.3545

■ 50.9310, 51.7077,
66.5268

■ 9.7056, 9.5951,
13.9168

■ 68.9298, 70.2222,
88.9323

■ 5.2650, 5.1313,
7.9248

■ 90.7363, 92.7000,
115.8762

■ 2.4399, 2.3245,
3.9598

116.7159,
119.5255, 147.7770

■ 0.8650, 0.7866,
1.6033

147.2339,
151.0832, 185.0532

■ 0.0000, 0.0000,
0.2932

182.6557,

■ 0.0000, 0.0000,

187.7573, 228.1233

0.0000

223.3465,
229.9324, 277.4059

■ 24.8950, 25.0311,
33.6564

■ 24.8950, 25.0311,
33.6564

■ 20.9247, 20.0404,
32.9027

■ 29.4213, 30.7652,
34.5250

■ 17.4866, 15.7595,
32.2576

■ 34.5217, 37.2682,
35.5114

■ 14.5585, 12.1568,
31.7166

■ 40.2162, 44.5682,
36.6203

■ 12.1157, 9.1973,
31.2741

■ 46.5234, 52.6912,
37.8558

■ 10.1314, 6.8426,
30.9242

■ 53.4608, 61.6617,
39.2216

■ 8.5762, 5.0503,
30.6602

■ 61.0453, 71.5034,
40.7215

■ 7.4171, 3.7725,
30.4746

■ 69.2931, 82.2390,
42.3590

■ 6.6161, 2.9527,
30.3586

■ 77.4484, 92.3469,
43.8802

■ 6.1630, 2.5129,
30.2976

■ 81.9309, 94.6578,
44.0900

Harmonies

Analogous

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



23.6928, 25.0311, 34.5370



24.8950, 25.0311, 33.6564



25.8283, 25.0311, 31.0181

Triad

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



24.8950, 25.0311, 33.6564



25.0715, 25.0311, 21.9646



21.5226, 25.0311, 26.9731

Complementary

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



24.8950, 25.0311, 33.6564



28.3429, 31.0164, 27.4157

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.



21.8644, 25.0311, 23.8085



24.8950, 25.0311, 33.6564



23.8901, 25.0311, 21.0754

Square

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



24.8950, 25.0311, 33.6564



25.9326, 25.0311, 24.2584



22.7207, 25.0311, 21.7209



21.7713, 25.0311, 30.4879

Rectangle

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



24.8950, 25.0311, 33.6564



26.1579, 25.0311, 28.7246



22.7207, 25.0311, 21.7209



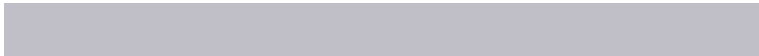
21.5720, 25.0311, 25.8356

Sweetspot

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



24.8957, 25.0322, 33.6570



50.7223, 52.5977, 61.4510



26.6965, 29.3601, 34.3974



11.0702, 11.4494, 13.5440



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.



24.8957, 25.0322, 33.6570



42.7055, 42.4595, 59.9167



26.3934, 25.8042, 33.7270



5.9756, 6.0733, 7.7863



5.1139, 2.0873, 25.0411



0.0976, 0.0421, 0.3754

Inverse Universe

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



27.3067, 26.3033, 32.4930



47.8667, 45.1814, 57.3907



26.8008, 30.2214, 27.3436



6.4170, 6.3060, 7.5761



14.0615, 6.8788, 17.3804



0.2206, 0.1070, 0.3144

Previews

White Background



This preview shows how the XYZ color 24.8950, 25.0311, 33.6564 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 24.8950, 25.0311, 33.6564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

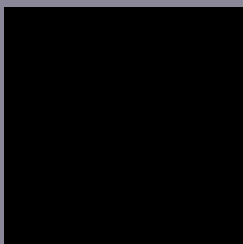
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

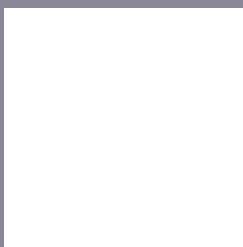
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8950, 25.0311, 33.6564

Background



This preview shows how black text looks on a background with the XYZ color 24.8950, 25.0311, 33.6564.



This preview shows how white text looks on a background with the XYZ color 24.8950, 25.0311,

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

24.8950, 25.0311, 33.6564

Protanopia

24.6286, 25.0923, 34.1171

Deuteranopia

25.4650, 24.9146, 33.6038



Tritanopia

24.3871, 25.0333, 31.1503

Trichromacy



Original Color

24.8950, 25.0311, 33.6564

Protanomaly

24.7902, 25.1757, 34.1247

Deuteranomaly

25.2594, 25.0128, 33.6336

Tritanomaly

24.5455, 25.0966, 31.9842

Monochromacy



Original Color

24.8950, 25.0311, 33.6564

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.3848, 25.2778, 29.5805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8950, 25.0311, 33.6564 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(138, 135, 153)` looks like.

```
.text, #text, p{  
    color:rgb(138, 135, 153)  
}
```

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(138, 135, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 135, 153) }
```

Border

The CSS property to change the border of an element to XYZ 24.8950, 25.0311, 33.6564 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(138, 135, 153) }
```


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

```
.border{ border-color:rgb(138, 135, 153) }
```

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

Here you see how a box with a 4 pixel rgb(138, 135, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 135, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 135, 153);  
box-shadow:4px 4px 4px 4px rgb(138, 135,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8950, 25.0311, 33.6564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 135, 153) }
```

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

```
.background{ background-color: rgb(138,  
135, 153) }
```

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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