

Converting Colors

XYZ(25.5316, 24.5411, 35.7841)

Have a look what the booklet for
XYZ(25.5316, 24.5411, 35.7841)
contains.

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Color

**XYZ(25.4432, 24.4520,
35.7265)**

Conversions

Conversions Part 1

Format	Color
Hex	8E839E
RGB	142, 131, 158
RGB Percent	56%, 51%, 62%
CMY	0.4431, 0.4863, 0.3804
CMYK	0.10, 0.17, 0.00, 0.38
HSL	264°, 12%, 57%
HSV	264°, 17%, 62%
XYZ	25.4432, 24.4520, 35.7265
YIQ	137.3670, -2.1110, 10.7290

Conversions

Conversions Part 2

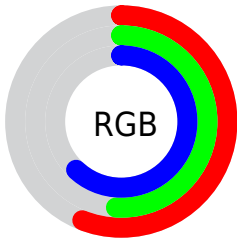
Format	Color
R _Y B	142, 131, 158
Decimal	9339806
CIE Lab	56.54, 9.58, -12.88
CIE LCh	57, 16.052, 306.639
Yxy	24.4520, 0.2972, 0.2856
Android (android.graphics.Color)	4287529886 (0xFF8E839E)
YUV	137.3670, 10.1721, 4.0631
Hunter-Lab	49.4490, 5.3087, -8.2223

Details

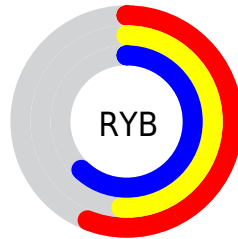
The XYZ color **25.4432, 24.4520, 35.7265** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **28.3571, 32.2961, 26.2131**, and the grayscale version is **23.8806, 25.1243, 27.3603**.

A 20% lighter version of the original color is **51.9157, 50.8208, 70.0239**, and **10.0848, 9.3714, 15.1873** is the 20% darker color. If you saturate the color by 10%, you get **21.9414, 19.7336, 35.0007**, and if you desaturate by 10%, it is **29.4051, 29.8893, 36.5676**.

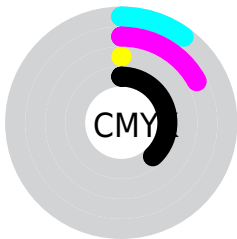
Distribution



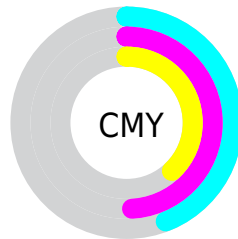
- Red (56%)
- Green (51%)
- Blue (62%)



- Red (56%)
- Yellow (51%)
- Blue (62%)



- Cyan (10%)
- Magenta (17%)
- Yellow (0%)
- Black (38%)



- Cyan (44%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4432, 24.4520, 35.7265 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 25.4432, 24.4520, 35.7265 by changing the saturation by 10% instead.

■ 25.4432, 24.4520,
35.7265

■ 25.4432, 24.4520,
35.7265

272.3451,
275.0977, 342.7647

■ 16.5380, 15.6693,
23.9350

■ 51.8130, 50.7668,
69.7740

■ 9.9989, 9.2904,
15.0737

■ 70.0085, 69.0676,
92.8671

■ 5.4605, 4.9311,
8.7239

■ 92.0313, 91.3100,
120.5645

■ 2.5574, 2.2069,
4.4672

118.2470,
117.8782, 153.2847

■ 0.9243, 0.7237,
1.8850

149.0209,
149.1567, 191.4463

■ 0.0000, 0.0000,
0.4832

184.7183,

■ 0.0000, 0.0000,

185.5298, 235.4678

0.0000

225.7046,
227.3821, 285.7678

■ 25.4432, 24.4520,
35.7265

■ 25.4432, 24.4520,
35.7265

■ 21.9414, 19.7336,
35.0007

■ 29.4051, 29.8893,
36.5676

■ 18.8795, 15.7001,
34.3835

■ 33.8418, 36.0713,
37.5270

■ 16.2391, 12.3193,
33.8701

■ 38.7699, 43.0266,
38.6097

■ 13.9995, 9.5550,
33.4546

■ 44.2046, 50.7810,
39.8201

■ 12.1382, 7.3676,
33.1305

■ 50.1605, 59.3593,
41.1619

■ 10.6299, 5.7126,
32.8906

■ 56.6515, 68.7853,
42.6392

■ 9.4459, 4.5386,
32.7264

■ 63.6909, 79.0815,
44.2556

■ 8.5427, 3.7652,
32.6247

■ 70.5200, 88.7265,
45.7573

■ 8.3099, 3.5710,
32.5995

■ 73.3813, 90.2016,
45.8912

Harmonies

Analogous

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



23.6572, 24.4520, 38.1605



25.4432, 24.4520, 35.7265



26.6844, 24.4520, 30.8996

Triad

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



25.4432, 24.4520, 35.7265



24.6894, 24.4520, 18.2781



19.8635, 24.4520, 27.8269

Complementary

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



25.4432, 24.4520, 35.7265



28.3571, 32.2961, 26.2131

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.



20.1072, 24.4520, 22.7624



25.4432, 24.4520, 35.7265



22.8295, 24.4520, 17.6842

Square

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



25.4432, 24.4520, 35.7265



26.2332, 24.4520, 20.9628



21.1695, 24.4520, 19.2161



20.4853, 24.4520, 33.2225

Rectangle

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



25.4432, 24.4520, 35.7265



27.0006, 24.4520, 27.2297



21.1695, 24.4520, 19.2161



19.8475, 24.4520, 26.0275

Sweetspot

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



25.4439, 24.4530, 35.7270



54.9320, 56.4019, 66.7349



25.9973, 28.2245, 36.4258



12.2685, 12.5550, 15.0204



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.4439, 24.4530, 35.7270



43.3554, 40.5444, 64.2842



27.8638, 25.7005, 35.8403



6.5278, 6.5606, 8.3289



6.6978, 2.8819, 26.1105



0.1664, 0.0756, 0.4690

Inverse Universe

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



27.4841, 25.6093, 31.0994



47.9070, 43.1260, 53.8749



26.1082, 31.1368, 26.1078



6.7897, 6.7088, 7.7435



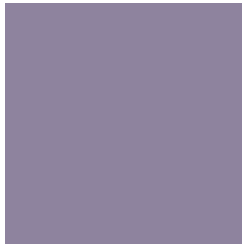
12.9180, 6.4718, 9.0851



0.2516, 0.1240, 0.2710

Previews

White Background



This preview shows how the XYZ color 25.4432, 24.4520, 35.7265 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 25.4432, 24.4520, 35.7265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

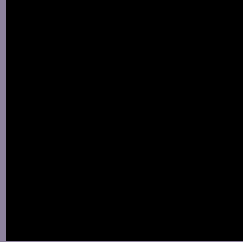
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4432, 24.4520, 35.7265

Background



This preview shows how black text looks on a background with the XYZ color 25.4432, 24.4520, 35.7265.



This preview shows how white text looks on a background with the XYZ color 25.4432, 24.4520,

35.7265.

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

25.4432, 24.4520, 35.7265

Protanopia

24.0762, 24.3341, 36.6857

Deuteranopia

24.9041, 24.3744, 35.7399



Tritanopia

24.2368, 24.3641, 29.8109

Trichromacy



Original Color

25.4432, 24.4520, 35.7265

Protanomaly

24.4771, 24.3466, 36.2102

Deuteranomaly

25.0703, 24.4601, 35.7477

Tritanomaly

24.6606, 24.3352, 31.8312

Monochromacy



Original Color

25.4432, 24.4520, 35.7265

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.4223, 24.8612, 30.2996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4432, 24.4520, 35.7265 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, 131, 158)` looks like.

```
.text, #text, p{  
    color:rgb(142, 131, 158)  
}
```

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, 131, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 131, 158) }
```

Border

The CSS property to change the border of an element to XYZ 25.4432, 24.4520, 35.7265 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, 131, 158) }
```


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

```
.border{ border-color:rgb(142, 131, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 131, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 131, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 131, 158);  
box-shadow:4px 4px 4px 4px rgb(142, 131,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4432, 24.4520, 35.7265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 131, 158) }
```

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

```
.background{ background-color: rgb(142,  
131, 158) }
```

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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