

Converting Colors

XYZ(25.5088, 24.2772, 36.2838)

Have a look what the booklet for
XYZ(25.5088, 24.2772, 36.2838)
contains.

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Color

**XYZ(25.3960, 24.2192,
36.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	8E829F
RGB	142, 130, 159
RGB Percent	56%, 51%, 62%
CMY	0.4431, 0.4902, 0.3765
CMYK	0.11, 0.18, 0.00, 0.38
HSL	265°, 13%, 57%
HSV	265°, 18%, 62%
XYZ	25.3960, 24.2192, 36.1372
YIQ	136.8940, -2.1570, 11.5630

Conversions

Conversions Part 2

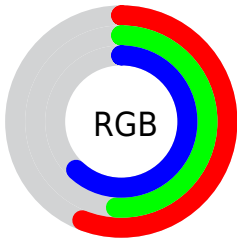
Format	Color
R_{YB}	142, 130, 159
Decimal	9339551
CIE _{Lab}	56.31, 10.38, -13.81
CIE _{LCh}	56, 17.270, 306.927
Yxy	24.2192, 0.2962, 0.2824
Android (android.graphics.Color)	4287529631 (0xFF8E829F)
YUV	136.8940, 10.8983, 4.4780
Hunter-Lab	49.2130, 5.9908, -9.0877

Details

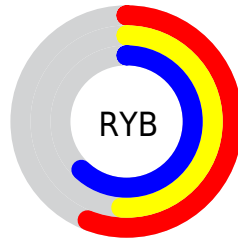
The XYZ color **25.3960, 24.2192, 36.1372** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **28.4608, 32.6116, 25.9148**, and the grayscale version is **23.6992, 24.9334, 27.1524**.

A 20% lighter version of the original color is **51.8360, 50.4578, 70.6256**, and **10.0628, 9.2429, 15.4410** is the 20% darker color. If you saturate the color by 10%, you get **21.9096, 19.5217, 35.4146**, and if you desaturate by 10%, it is **29.3445, 29.6413, 36.9760**.

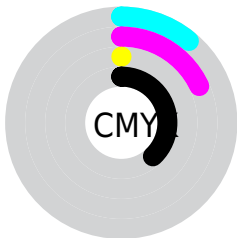
Distribution



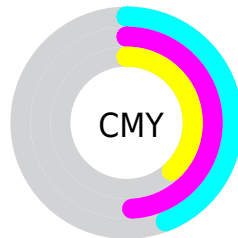
- Red (56%)
- Green (51%)
- Blue (62%)



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



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3960, 24.2192, 36.1372 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 25.3960, 24.2192, 36.1372 by changing the saturation by 10% instead.

■ 25.3960, 24.2192,
36.1372

■ 25.3960, 24.2192,
36.1372

272.1157,
273.9268, 344.6154

■ 16.5026, 15.4963,
24.2496

■ 51.7372, 50.3877,
70.4152

■ 9.9736, 9.1684,
15.3050

■ 69.9158, 68.6020,
93.6427

■ 5.4436, 4.8512,
8.8847

■ 91.9201, 90.7490,
121.4873

■ 2.5472, 2.1602,
4.5703

118.1155,
117.2130, 154.3676

■ 0.9191, 0.6982,
1.9431

148.8675,
148.3783, 192.7019

■ 0.0000, 0.0000,
0.5200

184.5413,

■ 0.0000, 0.0000,

184.6295, 236.9090

0.0000

225.5022,
226.3509, 287.4073

■ 25.3960, 24.2192,
36.1372

■ 25.3960, 24.2192,
36.1372

■ 21.9096, 19.5217,
35.4146

■ 29.3445, 29.6413,
36.9760

■ 18.8647, 15.5141,
34.8016

■ 33.7700, 35.8147,
37.9344

■ 16.2428, 12.1636,
34.2930

■ 38.6894, 42.7681,
39.0172

■ 14.0225, 9.4331,
33.8830

■ 44.1182, 50.5282,
40.2290

■ 12.1810, 7.2819,
33.5649

■ 50.0710, 59.1201,
41.5736

10.6923, 5.6641,
33.3311

56.5621, 68.5680,
43.0551

9.5268, 4.5266,
33.1729

63.6049, 78.8949,
44.6772

8.6331, 3.7728,
33.0745

70.5055, 88.7090,
46.2078

8.4908, 3.6543,
33.0591

73.3477, 90.1742,
46.3409

Harmonies

Analogous

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



23.4842, 24.2192, 38.8142



25.3960, 24.2192, 36.1372



26.7226, 24.2192, 30.9029

Triad

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



25.3960, 24.2192, 36.1372



24.5521, 24.2192, 17.5186



19.4261, 24.2192, 27.7145

Complementary

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



25.3960, 24.2192, 36.1372



28.4608, 32.6116, 25.9148

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.



19.6756, 24.2192, 22.3047



25.3960, 24.2192, 36.1372



22.5612, 24.2192, 16.9190

Square

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



25.3960, 24.2192, 36.1372



26.2161, 24.2192, 20.3192



20.7963, 24.2192, 18.5443



20.0941, 24.2192, 33.5179

Rectangle

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



25.3960, 24.2192, 36.1372



27.0560, 24.2192, 26.9625



20.7963, 24.2192, 18.5443



19.4061, 24.2192, 25.7874

Sweetspot

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



25.3967, 24.2202, 36.1377



54.9498, 56.4111, 66.7357



25.9608, 28.2419, 36.8843



12.2730, 12.5573, 15.0206



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.



25.3967, 24.2202, 36.1377



42.7733, 39.7036, 64.1526



27.9710, 25.5473, 36.2582



6.5317, 6.5626, 8.3291



6.7516, 2.9096, 26.1130



0.1676, 0.0762, 0.4691

Inverse Universe

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



27.5479, 25.4437, 31.0638



47.4204, 42.3485, 53.1090



26.0853, 31.3870, 25.8036



6.7879, 6.7081, 7.7343



12.8821, 6.4574, 8.8959



0.2511, 0.1238, 0.2682

Previews

White Background



This preview shows how the XYZ color 25.3960, 24.2192, 36.1372 looks on a white background.

Color Contrast Check

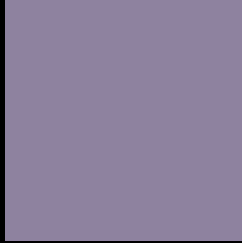
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3960, 24.2192, 36.1372 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 25.3960, 24.2192, 36.1372

Background



This preview shows how black text looks on a background with the XYZ color 25.3960, 24.2192, 36.1372.



This preview shows how white text looks on a background with the XYZ color 25.3960, 24.2192,

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

25.3960, 24.2192, 36.1372

Protanopia

24.0999, 24.3260, 37.6076

Deuteranopia

24.8258, 24.3241, 36.1874



Tritanopia

23.9929, 24.2472, 29.4022

Trichromacy



Original Color

25.3960, 24.2192, 36.1372

Protanomaly

24.6521, 24.4166, 37.1318

Deuteranomaly

25.0218, 24.2248, 36.1579

Tritanomaly

24.4913, 24.2479, 31.8233

Monochromacy



Original Color

25.3960, 24.2192, 36.1372

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2834, 24.5835, 30.2533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3960, 24.2192, 36.1372 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, 130, 159)` looks like.

```
.text, #text, p{  
    color:rgb(142, 130, 159)  
}
```

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, 130, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 130, 159) }
```

Border

The CSS property to change the border of an element to XYZ 25.3960, 24.2192, 36.1372 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, 130, 159) }
```


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

```
.border{ border-color:rgb(142, 130, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 130, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 130, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 130, 159);  
box-shadow:4px 4px 4px 4px rgb(142, 130,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3960, 24.2192, 36.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 130, 159) }
```

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

```
.background{ background-color: rgb(142,  
130, 159) }
```

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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