

Converting Colors

XYZ(25.7272, 24.7613, 31.9804)

Have a look what the booklet for
XYZ(25.7272, 24.7613, 31.9804)
contains.

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Color

**XYZ(25.5737, 24.6056,
31.8352)**

Conversions

Conversions Part 1

Format	Color
Hex	938395
RGB	147, 131, 149
RGB Percent	58%, 51%, 58%
CMY	0.4235, 0.4863, 0.4157
CMYK	0.01, 0.12, 0.00, 0.42
HSL	293°, 8%, 55%
HSV	293°, 12%, 58%
XYZ	25.5737, 24.6056, 31.8352
YIQ	137.8360, 3.7580, 8.9900

Conversions

Conversions Part 2

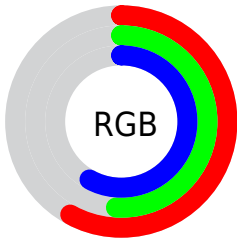
Format	Color
R_{YB}	147, 131, 149
Decimal	9667477
CIE Lab	56.69, 9.48, -7.42
CIE LCh	57, 12.034, 321.949
Yxy	24.6056, 0.3118, 0.3000
Android (android.graphics.Color)	4287857557 (0xFF938395)
YUV	137.8360, 5.5039, 8.0368
Hunter-Lab	49.6040, 5.2198, -3.3287

Details

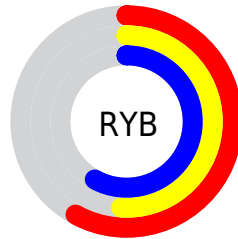
The XYZ color **25.5737, 24.6056, 31.8352** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.5180, 28.1208, 25.6097**, and the grayscale version is **24.0743, 25.3280, 27.5822**.

A 20% lighter version of the original color is **52.0074, 51.0103, 63.6048**, and **10.0458, 9.4032, 12.8408** is the 20% darker color. If you saturate the color by 10%, you get **23.4201, 20.7358, 31.2021**, and if you desaturate by 10%, it is **28.0208, 29.0554, 32.5655**.

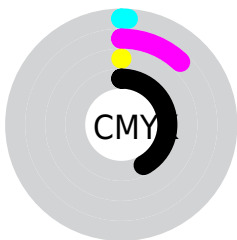
Distribution



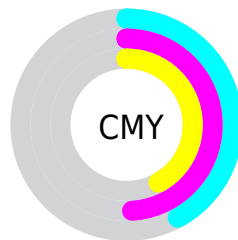
- Red (58%)
- Green (51%)
- Blue (58%)



- Red (58%)
- Yellow (51%)
- Blue (58%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (42%)



- Cyan (42%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5737, 24.6056, 31.8352 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 25.5737, 24.6056, 31.8352 by changing the saturation by 10% instead.

■ 25.5737, 24.6056,
31.8352

■ 25.5737, 24.6056,
31.8352

272.9783,
275.8681, 324.8374

■ 16.6360, 15.7835,
20.9719

■ 52.0226, 51.0167,
63.6475

■ 10.0690, 9.3711,
12.9124

■ 70.2646, 69.3744,
85.4337

■ 5.5073, 4.9840,
7.2382

■ 92.3386, 91.6794,
111.6978

■ 2.5857, 2.2379,
3.5308

118.6102,
118.3161, 142.8584

■ 0.9387, 0.7405,
1.3717

149.4446,
149.6690, 179.3342

■ 0.0000, 0.0000,
0.1195

185.2072,

■ 0.0000, 0.0000,

186.1223, 221.5436

0.0000

226.2633,
228.0605, 269.9051

■ 25.5737, 24.6056,
31.8352

■ 25.5737, 24.6056,
31.8352

■ 23.4201, 20.7358,
31.2021

■ 28.0208, 29.0554,
32.5655

■ 21.5457, 17.4182,
30.6606

■ 30.7708, 34.1049,
33.3952

■ 19.9380, 14.6278,
30.2067

■ 33.8352, 39.7770,
34.3285

■ 18.5827, 12.3362,
29.8358

■ 37.2245, 46.0923,
35.3689

■ 17.4645, 10.5123,
29.5427

■ 40.9484, 53.0705,
36.5195

■ 16.5661, 9.1218,
29.3216

■ 45.0164, 60.7304,
37.7836

■ 15.8677, 8.1252,
29.1661

■ 49.4377, 69.0903,
39.1642

■ 15.3463, 7.4763,
29.0683

■ 54.2208, 78.1674,
40.6642

■ 15.0099, 7.1112,
29.0156

■ 56.0656, 81.3612,
41.1834

Harmonies

Analogous

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



24.4086, 24.6056, 34.6059



25.5737, 24.6056, 31.8352



26.1578, 24.6056, 27.8868

Triad

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



25.5737, 24.6056, 31.8352



23.7663, 24.6056, 19.8534



20.9755, 24.6056, 29.7807

Complementary

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



25.5737, 24.6056, 31.8352



24.5180, 28.1208, 25.6097

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.



20.8189, 24.6056, 25.7249



25.5737, 24.6056, 31.8352



22.3940, 24.6056, 20.2518

Square

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



25.5737, 24.6056, 31.8352



25.0875, 24.6056, 21.1620



21.3284, 24.6056, 22.3105



21.7650, 24.6056, 33.3396

Rectangle

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



25.5737, 24.6056, 31.8352



26.1235, 24.6056, 25.2251



21.3284, 24.6056, 22.3105



20.8484, 24.6056, 28.4211

Sweetspot

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



25.5744, 24.6067, 31.8357



49.2608, 50.3535, 58.0441



23.1872, 23.7989, 31.8056



10.8469, 11.0315, 12.8424



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.



25.5744, 24.6067, 31.8357



44.9049, 42.4505, 56.7483



25.4015, 24.5793, 29.0368



5.9725, 5.8768, 7.2893



12.6481, 5.9929, 24.4212



0.1694, 0.0809, 0.2996

Inverse Universe

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



24.7453, 24.3168, 25.5811



43.1806, 41.8491, 43.6751



24.6886, 28.1529, 28.1406



5.8255, 5.8252, 6.1870



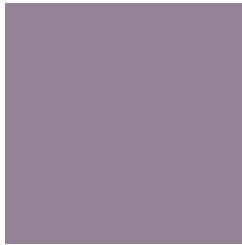
10.5201, 5.4131, 0.9537



0.1339, 0.0683, 0.0387

Previews

White Background



This preview shows how the XYZ color 25.5737, 24.6056, 31.8352 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 25.5737, 24.6056, 31.8352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

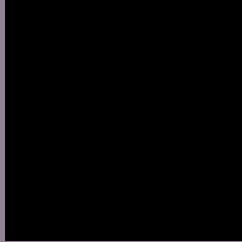
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.5737, 24.6056, 31.8352

Background



This preview shows how black text looks on a background with the XYZ color 25.5737, 24.6056, 31.8352.



This preview shows how white text looks on a background with the XYZ color 25.5737, 24.6056,

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

25.5737, 24.6056, 31.8352

Protanopia

24.1630, 24.6633, 33.1927

Deuteranopia

25.0038, 24.5121, 31.8472



Tritanopia

24.9878, 24.5665, 29.0160

Trichromacy



Original Color

25.5737, 24.6056, 31.8352

Protanomaly

24.7585, 24.7735, 32.7550

Deuteranomaly

25.1777, 24.6017, 31.8554

Tritanomaly

25.2162, 24.6579, 30.2185

Monochromacy



Original Color

25.5737, 24.6056, 31.8352

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.5310, 24.9437, 29.1129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5737, 24.6056, 31.8352 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(147, 131, 149)` looks like.

```
.text, #text, p{  
    color:rgb(147, 131, 149)  
}
```

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(147, 131, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 131, 149) }
```

Border

The CSS property to change the border of an element to XYZ 25.5737, 24.6056, 31.8352 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(147, 131, 149) }
```


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

```
.border{ border-color:rgb(147, 131, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 131, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 131, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 131, 149);  
box-shadow:4px 4px 4px 4px rgb(147, 131,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5737, 24.6056, 31.8352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 131, 149) }
```

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

```
.background{ background-color: rgb(147,  
131, 149) }
```

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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