

Converting Colors

XYZ(25.8146, 25.6671, 34.8018)

Have a look what the booklet for
XYZ(25.8146, 25.6671, 34.8018)
contains.

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Color

**XYZ(25.8759, 25.7257,
34.6121)**

Conversions

Conversions Part 1

Format	Color
Hex	8E889B
RGB	142, 136, 155
RGB Percent	56%, 53%, 61%
CMY	0.4431, 0.4667, 0.3922
CMYK	0.08, 0.12, 0.00, 0.39
HSL	259°, 9%, 57%
HSV	259°, 12%, 61%
XYZ	25.8759, 25.7257, 34.6121
YIQ	139.9600, -2.5230, 7.1810

Conversions

Conversions Part 2

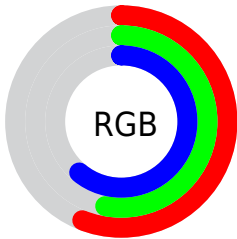
Format	Color
R_{YB}	142, 136, 155
Decimal	9341083
CIE _{Lab}	57.78, 6.06, -9.30
CIE _{LCh}	58, 11.096, 303.094
Yxy	25.7257, 0.3001, 0.2984
Android (android.graphics.Color)	4287531163 (0xFF8E889B)
YUV	139.9600, 7.4147, 1.7891
Hunter-Lab	50.7205, 2.3038, -4.9556

Details

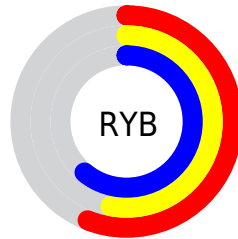
The XYZ color **25.8759, 25.7257, 34.6121** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.5607, 31.6105, 27.8900**, and the grayscale version is **24.8852, 26.1812, 28.5113**.

A 20% lighter version of the original color is **52.4712, 52.7344, 67.7348**, and **10.2401, 9.9304, 14.4737** is the 20% darker color. If you saturate the color by 10%, you get **22.1150, 20.7778, 33.8557**, and if you desaturate by 10%, it is **30.1273, 31.3964, 35.4830**.

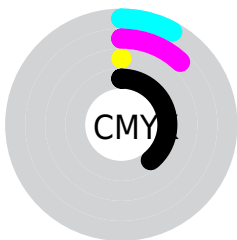
Distribution



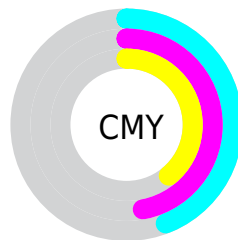
- Red (56%)
- Green (53%)
- Blue (61%)



- Red (56%)
- Yellow (53%)
- Blue (61%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (39%)



- Cyan (44%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8759, 25.7257, 34.6121 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 25.8759, 25.7257, 34.6121 by changing the saturation by 10% instead.

■ 25.8759, 25.7257,
34.6121

■ 25.8759, 25.7257,
34.6121

274.4402,
281.4330, 337.7049

■ 16.8630, 16.6185,
23.0831

■ 52.5074, 52.8321,
68.0291

■ 10.2316, 9.9629,
14.4490

■ 70.8567, 71.6001,
90.7542

■ 5.6162, 5.3744,
8.2913

■ 93.0489, 94.3573,
118.0485

■ 2.6516, 2.4685,
4.1915

119.4493,
121.4879, 150.3303

■ 0.9723, 0.8608,
1.7310

150.4233,
153.3763, 188.0183

■ 0.0000, 0.0000,
0.3818

186.3362,

■ 0.0000, 0.0000,

190.4071, 231.5311

0.0000

227.5534,
232.9645, 281.2871

■ 25.8759, 25.7257,
34.6121

■ 25.8759, 25.7257,
34.6121

■ 22.1150, 20.7778,
33.8557

■ 30.1273, 31.3964,
35.4830

■ 18.8239, 16.5201,
33.2073

■ 34.8840, 37.8145,
36.4711

■ 15.9839, 12.9221,
32.6625

■ 40.1634, 45.0073,
37.5812

■ 13.5741, 9.9497,
32.2158

■ 45.9811, 52.9997,
38.8173

■ 11.5718, 7.5660,
31.8612

■ 52.3521, 61.8156,
40.1831

■ 9.9521, 5.7296,
31.5921

■ 59.2907, 71.4778,
41.6824

■ 8.6869, 4.3939,
31.4010

■ 66.8109, 82.0083,
43.3186

■ 7.7438, 3.5039,
31.2789

■ 73.3087, 90.1936,
44.5561

■ 7.1800, 3.0180,
31.2148

■ 76.7552, 91.9703,
44.7174

Harmonies

Analogous

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



24.5899, 25.7257, 35.9870



25.8759, 25.7257, 34.6121



26.8058, 25.7257, 31.4609

Triad

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



25.8759, 25.7257, 34.6121



25.6282, 25.7257, 21.9692



21.9836, 25.7257, 28.4084

Complementary

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



25.8759, 25.7257, 34.6121



28.5607, 31.6105, 27.8900

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.



22.2392, 25.7257, 24.8228



25.8759, 25.7257, 34.6121



24.3136, 25.7257, 21.3101

Square

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



25.8759, 25.7257, 34.6121



26.6592, 25.7257, 24.1959



23.0804, 25.7257, 22.3074



22.3692, 25.7257, 32.2072

Rectangle

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



25.8759, 25.7257, 34.6121



27.0816, 25.7257, 28.9016



23.0804, 25.7257, 22.3074



21.9974, 25.7257, 27.1387

Sweetspot

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



25.8767, 25.7268, 34.6127



52.5007, 54.2789, 63.2461



26.8656, 29.1916, 35.2293



11.7560, 12.1154, 14.2893



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.8767, 25.7268, 34.6127



44.2053, 43.2483, 61.5542



27.5210, 26.5745, 34.6896



6.0589, 6.1162, 7.7902



5.8028, 2.4425, 25.0733



0.1214, 0.0544, 0.3765

Inverse Universe

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



27.7475, 26.7480, 32.1355



48.3199, 45.4955, 56.0516



26.9477, 30.7790, 27.8145



6.3782, 6.2904, 7.3716



12.9674, 6.4412, 11.6192



0.2101, 0.1028, 0.2593

Previews

White Background



This preview shows how the XYZ color 25.8759, 25.7257, 34.6121 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 25.8759, 25.7257, 34.6121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

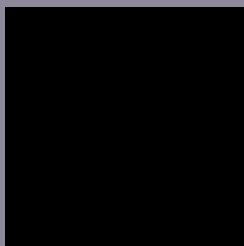
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8759, 25.7257, 34.6121

Background



This preview shows how black text looks on a background with the XYZ color 25.8759, 25.7257, 34.6121.



This preview shows how white text looks on a background with the XYZ color 25.8759, 25.7257,

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

25.8759, 25.7257, 34.6121

Protanopia

25.2426, 25.8115, 35.1042

Deuteranopia

26.2574, 25.7142, 34.5898



Tritanopia

25.2755, 25.6922, 31.6439

Trichromacy



Original Color

25.8759, 25.7257, 34.6121

Protanomaly

25.4276, 25.6949, 35.0719

Deuteranomaly

26.0820, 25.6238, 34.5816

Tritanomaly

25.5161, 25.7884, 32.9110

Monochromacy



Original Color

25.8759, 25.7257, 34.6121

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.3280, 26.1723, 30.5049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8759, 25.7257, 34.6121 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(142, 136, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 136, 155) }
```

Border

The CSS property to change the border of an element to XYZ 25.8759, 25.7257, 34.6121 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, 155) }
```


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

```
.border{ border-color:rgb(142, 136, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 136, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 136, 155);  
box-shadow:4px 4px 4px 4px rgb(142, 136,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8759, 25.7257, 34.6121 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, 155) }
```

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

```
.background{ background-color: rgb(142,  
136, 155) }
```

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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