

Converting Colors

XYZ(25.4298, 24.8973, 35.4594)

Have a look what the booklet for
XYZ(25.4298, 24.8973, 35.4594)
contains.

XYZ(25.4578, 24.8721, 35.3573)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.4578, 24.8721,
35.3573)**

Conversions

Conversions Part 1

Format	Color
Hex	8D859D
RGB	141, 133, 157
RGB Percent	55%, 52%, 62%
CMY	0.4471, 0.4784, 0.3843
CMYK	0.10, 0.15, 0.00, 0.38
HSL	260°, 11%, 57%
HSV	260°, 15%, 62%
XYZ	25.4578, 24.8721, 35.3573
YIQ	138.1280, -2.9360, 9.1600

Conversions

Conversions Part 2

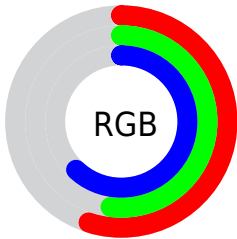
Format	Color
R_{YB}	141, 133, 157
Decimal	9274781
CIE Lab	56.95, 7.86, -11.69
CIE LCh	57, 14.088, 303.914
Yxy	24.8721, 0.2971, 0.2903
Android (android.graphics.Color)	4287464861 (0xFF8D859D)
YUV	138.1280, 9.3039, 2.5187
Hunter-Lab	49.8719, 3.8418, -7.1240

Details

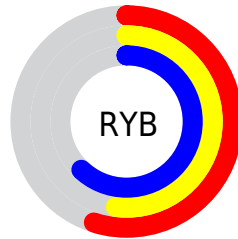
The XYZ color **25.4578, 24.8721, 35.3573** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.6860, 32.1976, 26.8944**, and the grayscale version is **24.1733, 25.4322, 27.6957**.

A 20% lighter version of the original color is **51.9482, 51.4734, 69.4847**, and **10.0862, 9.6054, 14.9581** is the 20% darker color. If you saturate the color by 10%, you get **21.7705, 20.0158, 34.6147**, and if you desaturate by 10%, it is **29.6361, 30.4598, 36.2160**.

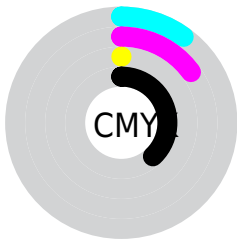
Distribution



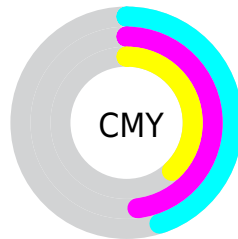
- Red (55%)
- Green (52%)
- Blue (62%)



- Red (55%)
- Yellow (52%)
- Blue (62%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (38%)



- Cyan (45%)
- Magenta (48%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4578, 24.8721, 35.3573 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 25.4578, 24.8721, 35.3573 by changing the saturation by 10% instead.

■ 25.4578, 24.8721,
35.3573

■ 25.4578, 24.8721,
35.3573

272.4160,
277.2004, 341.0947

■ 16.5490, 15.9818,
23.6525

■ 51.8365, 51.4497,
69.1968

■ 10.0068, 9.5113,
14.8662

■ 70.0371, 69.9057,
92.1685

■ 5.4658, 5.0761,
8.5800

■ 92.0657, 92.3191,
119.7329

■ 2.5606, 2.2920,
4.3752

118.2877,
119.0743, 152.3086

■ 0.9259, 0.7695,
1.8333

149.0683,
150.5556, 190.3141

■ 0.0000, 0.0000,
0.4498

184.7730,

■ 0.0000, 0.0000,

187.1474, 234.1679

0.0000

225.7671,
229.2342, 284.2886

■ 25.4578, 24.8721,
35.3573

■ 25.4578, 24.8721,
35.3573

■ 21.7705, 20.0158,
34.6147

■ 29.6361, 30.4598,
36.2160

■ 18.5532, 15.8571,
33.9815

■ 34.3210, 36.8047,
37.1938

■ 15.7864, 12.3637,
33.4531

■ 39.5302, 43.9352,
38.2955

■ 13.4486, 9.5001,
33.0235

■ 45.2795, 51.8773,
39.5255

■ 11.5161, 7.2269,
32.6866

■ 51.5845, 60.6557,
40.8876

■ 9.9628, 5.5004,
32.4353

■ 58.4598, 70.2942,
42.3857

■ 8.7592, 4.2704,
32.2613

■ 65.9196, 80.8156,
44.0233

■ 7.8684, 3.4726,
32.1542

■ 72.8170, 89.9205,
45.4172

■ 7.5188, 3.1730,
32.1148

■ 76.1762, 91.6523,
45.5744

Harmonies

Analogous

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



23.8578, 24.8721, 37.2129



25.4578, 24.8721, 35.3573



26.6104, 24.8721, 31.2833

Triad

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



25.4578, 24.8721, 35.3573



25.0651, 24.8721, 19.7029



20.6096, 24.8721, 27.7075

Complementary

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



25.4578, 24.8721, 35.3573



28.6860, 32.1976, 26.8944

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.



20.8996, 24.8721, 23.2738



25.4578, 24.8721, 35.3573



23.4239, 24.8721, 18.9792

Square

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



25.4578, 24.8721, 35.3573



26.3764, 24.8721, 22.3147



21.9112, 24.8721, 20.2097



21.1001, 24.8721, 32.4830

Rectangle

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



25.4578, 24.8721, 35.3573



26.9427, 24.8721, 28.0578



21.9112, 24.8721, 20.2097



20.6192, 24.8721, 26.1281

Sweetspot

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



25.4586, 24.8731, 35.3578



53.2246, 54.7515, 64.8896



26.5704, 29.0434, 36.1042



11.5985, 11.8954, 14.2551



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.



25.4586, 24.8731, 35.3578



43.4795, 41.7453, 62.8928



27.5356, 25.9439, 35.4551



6.4827, 6.5373, 8.3268



6.1425, 2.5956, 26.0845



0.1522, 0.0683, 0.4684

Inverse Universe

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



27.7178, 26.1142, 32.0147



48.2600, 44.3727, 55.7524



26.6737, 31.1603, 26.8002



6.8101, 6.7170, 7.8510



13.3682, 6.6518, 11.4556



0.2578, 0.1265, 0.3037

Previews

White Background



This preview shows how the XYZ color 25.4578, 24.8721, 35.3573 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 25.4578, 24.8721, 35.3573 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 25.4578, 24.8721, 35.3573

Background



This preview shows how black text looks on a background with the XYZ color 25.4578, 24.8721, 35.3573.



This preview shows how white text looks on a background with the XYZ color 25.4578, 24.8721,

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

25.4578, 24.8721, 35.3573

Protanopia

24.5779, 25.0171, 36.3343

Deuteranopia

25.2885, 24.7848, 35.3494



Tritanopia

24.4997, 24.8922, 30.7075

Trichromacy



Original Color

25.4578, 24.8721, 35.3573

Protanomaly

24.8272, 24.9475, 35.8546

Deuteranomaly

25.2885, 24.7848, 35.3494

Tritanomaly

24.8453, 24.8277, 32.3369

Monochromacy



Original Color

25.4578, 24.8721, 35.3573

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.5625, 25.1416, 30.3463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4578, 24.8721, 35.3573 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(141, 133, 157)` looks like.

```
.text, #text, p{  
    color:rgb(141, 133, 157)  
}
```

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(141, 133, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 133, 157) }
```

Border

The CSS property to change the border of an element to XYZ 25.4578, 24.8721, 35.3573 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(141, 133, 157) }
```


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

```
.border{ border-color:rgb(141, 133, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 133, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 133, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 133, 157);  
box-shadow:4px 4px 4px 4px rgb(141, 133,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4578, 24.8721, 35.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 133, 157) }
```

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

```
.background{ background-color: rgb(141,  
133, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor