

Converting Colors

XYZ(25.9002, 23.9349, 34.2651)

Have a look what the booklet for
XYZ(25.9002, 23.9349, 34.2651)
contains.

XYZ(25.9002, 23.9349, 34.2651)	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(25.9002, 23.9349,
34.2651)**

Conversions

Conversions Part 1

Format	Color
Hex	957F9B
RGB	149, 127, 155
RGB Percent	58%, 50%, 61%
CMY	0.4157, 0.5019, 0.3922
CMYK	0.04, 0.18, 0.00, 0.39
HSL	287°, 12%, 55%
HSV	287°, 18%, 61%
XYZ	25.9002, 23.9349, 34.2651
YIQ	136.7700, 4.1240, 13.3720

Conversions

Conversions Part 2

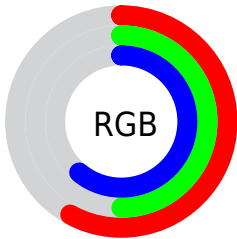
Format	Color
R_{YB}	149, 127, 155
Decimal	9797531
CIE _{Lab}	56.02, 13.72, -11.86
CIE _{LCh}	56, 18.134, 319.150
Yxy	23.9349, 0.3080, 0.2846
Android (android.graphics.Color)	4287987611 (0xFF957F9B)
YUV	136.7700, 8.9874, 10.7257
Hunter-Lab	48.9233, 8.8828, -7.2795

Details

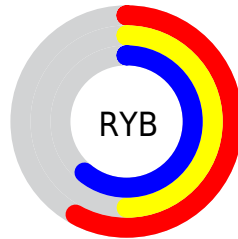
The XYZ color **25.9002, 23.9349, 34.2651** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **25.2258, 29.9621, 24.5336**, and the grayscale version is **23.6578, 24.8898, 27.1050**.

A 20% lighter version of the original color is **52.4585, 49.9425, 67.1966**, and **10.2601, 9.0449, 14.3018** is the 20% darker color. If you saturate the color by 10%, you get **23.4532, 19.9273, 33.6209**, and if you desaturate by 10%, it is **28.6739, 28.5694, 35.0138**.

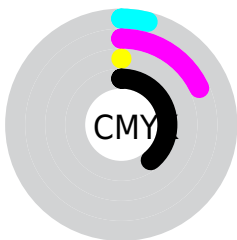
Distribution



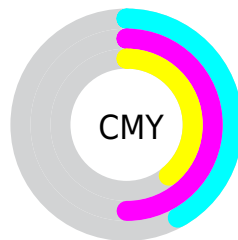
- Red (58%)
- Green (50%)
- Blue (61%)



- Red (58%)
- Yellow (50%)
- Blue (61%)



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)
- Black (39%)



- Cyan (42%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9002, 23.9349, 34.2651 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 25.9002, 23.9349, 34.2651 by changing the saturation by 10% instead.

■ 25.9002, 23.9349,
34.2651

■ 25.9002, 23.9349,
34.2651

274.5575,
272.4912, 336.1177

■ 16.8813, 15.2853,
22.8183

■ 52.5463, 49.9239,
67.4843

■ 10.2447, 9.0199,
14.2554

■ 70.9043, 68.0322,
90.0938

■ 5.6250, 4.7542,
8.1577

■ 93.1060, 90.0622,
117.2613

■ 2.6569, 2.1037,
4.1068

119.5167,
116.3982, 149.4054

■ 0.9750, 0.6667,
1.6841

150.5019,
147.4248, 186.9445

■ 0.0000, 0.0000,
0.3498

186.4268,

■ 0.0000, 0.0000,

183.5262, 230.2972

0.0000

227.6569,
225.0868, 279.8821

■ 25.9002, 23.9349,
34.2651

■ 25.9002, 23.9349,
34.2651

■ 23.4532, 19.9273,
33.6209

■ 28.6739, 28.5694,
35.0138

■ 21.3165, 16.5155,
33.0750

■ 31.7855, 33.8541,
35.8699

■ 19.4757, 13.6700,
32.6227

■ 35.2481, 39.8147,
36.8379

■ 17.9140, 11.3580,
32.2588

■ 39.0736, 46.4750,
37.9218

■ 16.6133, 9.5429,
31.9770

■ 43.2733, 53.8571,
39.1254

■ 15.5528, 8.1836,
31.7705

■ 47.8580, 61.9824,
40.4521

■ 14.7084, 7.2323,
31.6314

■ 52.8379, 70.8715,
41.9054

■ 14.0359, 6.6007,
31.5449

■ 58.2231, 80.5440,
43.4885

■ 13.9121, 6.4885,
31.5298

■ 60.2426, 83.4578,
43.9445

Harmonies

Analogous

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



24.0824, 23.9349, 38.4031



25.9002, 23.9349, 34.2651



26.8937, 23.9349, 28.2699

Triad

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



25.9002, 23.9349, 34.2651



23.5082, 23.9349, 16.3791



19.1873, 23.9349, 29.9887

Complementary

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



25.9002, 23.9349, 34.2651



25.2258, 29.9621, 24.5336

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.



19.0544, 23.9349, 23.9703



25.9002, 23.9349, 34.2651



21.4665, 23.9349, 16.6949

Square

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



25.9002, 23.9349, 34.2651



25.4579, 23.9349, 18.3435



19.8651, 23.9349, 19.2837



20.2402, 23.9349, 35.6866

Rectangle

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



25.9002, 23.9349, 34.2651



26.9167, 23.9349, 24.2873



19.8651, 23.9349, 19.2837



19.0361, 23.9349, 27.9191

Sweetspot

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



25.9009, 23.9359, 34.2656



52.9395, 53.8468, 63.1395



23.0665, 23.6730, 34.3643



11.9022, 12.0519, 14.2693



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.



25.9009, 23.9359, 34.2656



44.4011, 39.5969, 60.8391



26.3794, 24.2570, 30.9236



6.3316, 6.2568, 7.8030



11.2068, 5.2284, 25.3262



0.1964, 0.0931, 0.3800

Inverse Universe

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



25.3414, 23.8419, 25.4578



43.2284, 39.4146, 41.7087



24.8431, 29.7027, 27.3219



6.2603, 6.2433, 6.7508



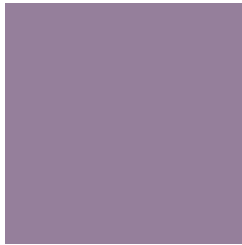
11.0924, 5.6912, 1.7458



0.1773, 0.0897, 0.0864

Previews

White Background



This preview shows how the XYZ color 25.9002, 23.9349, 34.2651 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 25.9002, 23.9349, 34.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

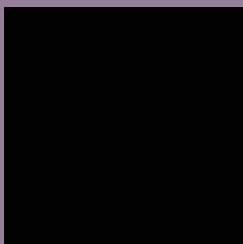
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9002, 23.9349, 34.2651

Background



This preview shows how black text looks on a background with the XYZ color 25.9002, 23.9349, 34.2651.



This preview shows how white text looks on a background with the XYZ color 25.9002, 23.9349,

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

25.9002, 23.9349, 34.2651

Protanopia

23.6988, 23.9454, 36.1737

Deuteranopia

24.4303, 23.9690, 33.9107



Tritanopia

24.7489, 24.0618, 28.1509

Trichromacy



Original Color

25.9002, 23.9349, 34.2651

Protanomaly

24.4412, 23.9355, 35.6796

Deuteranomaly

24.9707, 24.0491, 33.8977

Tritanomaly

25.1738, 24.0407, 30.1016

Monochromacy



Original Color

25.9002, 23.9349, 34.2651

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.4061, 24.4514, 29.8188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9002, 23.9349, 34.2651 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(149, 127, 155)` looks like.

```
.text, #text, p{  
    color:rgb(149, 127, 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(149, 127, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 127, 155) }
```

Border

The CSS property to change the border of an element to XYZ 25.9002, 23.9349, 34.2651 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(149, 127, 155) }
```


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

```
.border{ border-color:rgb(149, 127, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 127, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 127, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 127, 155);  
box-shadow:4px 4px 4px 4px rgb(149, 127,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9002, 23.9349, 34.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 127, 155) }
```

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

```
.background{ background-color: rgb(149,  
127, 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](#).

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