

Converting Colors

XYZ(25.9316, 24.5349, 34.3793)

Have a look what the booklet for
XYZ(25.9316, 24.5349, 34.3793)
contains.

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Color

**XYZ(25.9316, 24.5349,
34.3793)**

Conversions

Conversions Part 1

Format	Color
Hex	93829B
RGB	147, 130, 155
RGB Percent	58%, 51%, 61%
CMY	0.4235, 0.4902, 0.3922
CMYK	0.05, 0.16, 0.00, 0.39
HSL	281°, 11%, 56%
HSV	281°, 16%, 61%
XYZ	25.9316, 24.5349, 34.3793
YIQ	137.9330, 2.1070, 11.3790

Conversions

Conversions Part 2

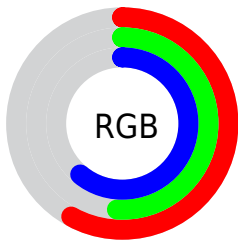
Format	Color
R_{YB}	147, 130, 155
Decimal	9667227
CIE _{Lab}	56.62, 11.28, -10.98
CIE _{LCh}	57, 15.741, 315.752
Yxy	24.5349, 0.3056, 0.2892
Android (android.graphics.Color)	4287857307 (0xFF93829B)
YUV	137.9330, 8.4140, 7.9518
Hunter-Lab	49.5327, 6.7669, -6.4787

Details

The XYZ color **25.9316, 24.5349, 34.3793** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.2329, 30.4584, 25.6168**, and the grayscale version is **24.1009, 25.3561, 27.6128**.

A 20% lighter version of the original color is **52.5295, 50.8879, 67.3753**, and **10.2650, 9.3711, 14.3645** is the 20% darker color. If you saturate the color by 10%, you get **23.1529, 20.2695, 33.7028**, and if you desaturate by 10%, it is **29.0607, 29.4434, 35.1622**.

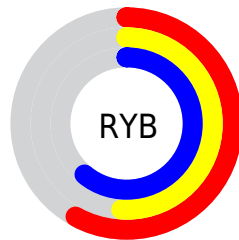
Distribution



Red (58%)

Green (51%)

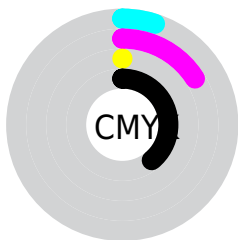
Blue (61%)



Red (58%)

Yellow (51%)

Blue (61%)

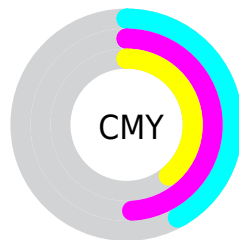


Cyan (5%)

Magenta (16%)

Yellow (0%)

Black (39%)



Cyan (42%)

Magenta (49%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9316, 24.5349, 34.3793 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 25.9316, 24.5349, 34.3793 by changing the saturation by 10% instead.

■ 25.9316, 24.5349,
34.3793

■ 25.9316, 24.5349,
34.3793

274.7090,
275.5137, 336.6407

■ 16.9049, 15.7309,
22.9054

■ 52.5967, 50.9017,
67.6637

■ 10.2616, 9.3339,
14.3190

■ 70.9657, 69.2332,
90.3113

■ 5.6363, 4.9596,
8.2016

■ 93.1796, 91.5094,
117.5206

■ 2.6638, 2.2236,
4.1346

119.6037,
118.1146, 149.7100

■ 0.9786, 0.7328,
1.6995

150.6033,
149.4333, 187.2982

■ 0.0000, 0.0000,
0.3604

186.5439,

■ 0.0000, 0.0000,

185.8498, 230.7037

0.0000

227.7906,
227.7484, 280.3450

■ 25.9316, 24.5349,
34.3793

■ 25.9316, 24.5349,
34.3793

■ 23.1529, 20.2695,
33.7028

■ 29.0607, 29.4434,
35.1622

■ 20.7082, 16.6160,
33.1265

■ 32.5514, 35.0179,
36.0542

■ 18.5827, 13.5455,
32.6458

■ 36.4173, 41.2844,
37.0600

■ 16.7597, 11.0254,
32.2555

■ 40.6703, 48.2661,
38.1834

■ 15.2211, 9.0197,
31.9495

■ 45.3219, 55.9854,
39.4283

■ 13.9461, 7.4882,
31.7210

■ 50.3832, 64.4637,
40.7980

■ 12.9112, 6.3845,
31.5625

■ 55.8646, 73.7214,
42.2960

■ 12.0830, 5.6423,
31.4629

■ 61.7764, 83.7782,
43.9256

■ 11.7886, 5.3938,
31.4305

■ 63.3253, 85.0470,
44.0888

Harmonies

Analogous

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



24.2878, 24.5349, 37.6319



25.9316, 24.5349, 34.3793



26.8984, 24.5349, 29.2716

Triad

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



25.9316, 24.5349, 34.3793



24.1963, 24.5349, 18.0905



20.0950, 24.5349, 29.5439

Complementary

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



25.9316, 24.5349, 34.3793



26.2329, 30.4584, 25.6168

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.



20.0734, 24.5349, 24.3105



25.9316, 24.5349, 34.3793



22.3776, 24.5349, 18.1433

Square

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



25.9316, 24.5349, 34.3793



25.8616, 24.5349, 20.1275



20.8893, 24.5349, 20.2828



20.9501, 24.5349, 34.6010

Rectangle

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



25.9316, 24.5349, 34.3793



26.9980, 24.5349, 25.7172



20.8893, 24.5349, 20.2828



19.9916, 24.5349, 27.7369

Sweetspot

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



25.9323, 24.5359, 34.3798



52.6573, 53.7013, 63.1263



24.2597, 25.3863, 34.6321



11.8303, 12.0149, 14.2659



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.



25.9323, 24.5359, 34.3798



44.7598, 41.3391, 61.1564



27.0733, 25.1639, 32.6380



6.2689, 6.2245, 7.8000



9.5093, 4.3533, 25.2468



0.1796, 0.0844, 0.3792

Inverse Universe

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



26.0886, 24.7700, 27.4523



45.1164, 41.8482, 46.4759



25.2429, 29.9151, 27.0602



6.2862, 6.2536, 6.8873



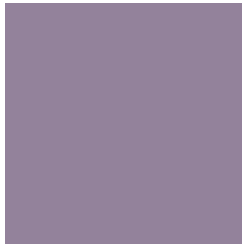
11.3289, 5.7858, 2.9908



0.1847, 0.0926, 0.1253

Previews

White Background



This preview shows how the XYZ color 25.9316, 24.5349, 34.3793 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 25.9316, 24.5349, 34.3793 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 25.9316, 24.5349, 34.3793

Background



This preview shows how black text looks on a background with the XYZ color 25.9316, 24.5349, 34.3793.



This preview shows how white text looks on a background with the XYZ color 25.9316, 24.5349,

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

25.9316, 24.5349, 34.3793

Protanopia

24.3512, 24.7021, 35.8323

Deuteranopia

24.9829, 24.4445, 34.4119



Tritanopia

24.8862, 24.5054, 29.4050

Trichromacy



Original Color

25.9316, 24.5349, 34.3793

Protanomaly

24.7899, 24.5277, 35.3261

Deuteranomaly

25.3604, 24.4388, 34.3909

Tritanomaly

25.2368, 24.4502, 30.9930

Monochromacy



Original Color

25.9316, 24.5349, 34.3793

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.6825, 25.0043, 29.9110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9316, 24.5349, 34.3793 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, 130, 155)` looks like.

```
.text, #text, p{  
    color:rgb(147, 130, 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(147, 130, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 130, 155) }
```

Border

The CSS property to change the border of an element to XYZ 25.9316, 24.5349, 34.3793 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, 130, 155) }
```


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

```
.border{ border-color:rgb(147, 130, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 130, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 130, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 130, 155);  
box-shadow:4px 4px 4px 4px rgb(147, 130,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9316, 24.5349, 34.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 130, 155) }
```

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

```
.background{ background-color: rgb(147,  
130, 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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