

Converting Colors

XYZ(25.6943, 24.8234, 39.3934)

Have a look what the booklet for
XYZ(25.6943, 24.8234, 39.3934)
contains.

XYZ(25.7517, 24.9315, 39.5314)	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(25.7517, 24.9315,
39.5314)**

Conversions

Conversions Part 1

Format	Color
Hex	8A85A6
RGB	138, 133, 166
RGB Percent	54%, 52%, 65%
CMY	0.4588, 0.4784, 0.3490
CMYK	0.17, 0.20, 0.00, 0.35
HSL	249°, 16%, 59%
HSV	249°, 20%, 65%
XYZ	25.7517, 24.9315, 39.5314
YIQ	138.2570, -7.6130, 11.3230

Conversions

Conversions Part 2

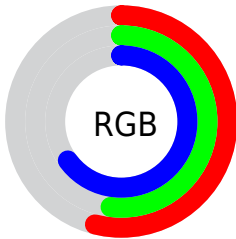
Format	Color
R_{YB}	138, 133, 166
Decimal	9078182
CIE _{Lab}	57.01, 8.85, -16.80
CIE _{LCh}	57, 18.988, 297.767
Yxy	24.9315, 0.2854, 0.2764
Android (android.graphics.Color)	4287268262 (0xFF8A85A6)
YUV	138.2570, 13.6773, -0.2254
Hunter-Lab	49.9315, 4.6797, -11.9887

Details

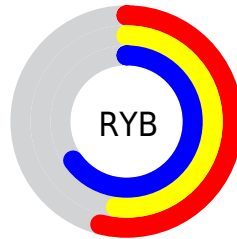
The XYZ color **25.7517, 24.9315, 39.5314** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **32.5686, 36.5436, 27.5285**, and the grayscale version is **24.2077, 25.4684, 27.7351**.

A 20% lighter version of the original color is **52.3483, 51.5447, 75.5967**, and **10.2321, 9.6303, 17.2391** is the 20% darker color. If you saturate the color by 10%, you get **21.4750, 19.6160, 38.7312**, and if you desaturate by 10%, it is **30.6914, 31.1233, 40.4666**.

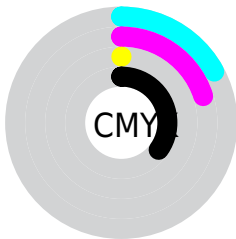
Distribution



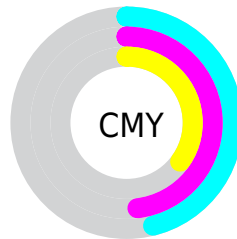
- Red (54%)
- Green (52%)
- Blue (65%)



- Red (54%)
- Yellow (52%)
- Blue (65%)



- Cyan (17%)
- Magenta (20%)
- Yellow (0%)
- Black (35%)



- Cyan (46%)
- Magenta (48%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7517, 24.9315, 39.5314 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 25.7517, 24.9315, 39.5314 by changing the saturation by 10% instead.

■ 25.7517, 24.9315,
39.5314

■ 25.7517, 24.9315,
39.5314

273.8402,
277.4966, 359.6377

■ 16.7697, 16.0260,
26.8624

■ 52.3083, 51.5461,
75.6787

■ 10.1647, 9.5426,
17.2384

■ 70.6135, 70.0240,
99.9940

■ 5.5714, 5.0967,
10.2408

■ 92.7572, 92.4615,
129.0285

■ 2.6244, 2.3041,
5.4512

119.1048,
119.2429, 163.2008

■ 0.9584, 0.7759,
2.4510

150.0215,
150.7528, 202.9292

■ 0.0000, 0.0000,
0.8140

185.8727,

■ 0.0000, 0.0000,

187.3754, 248.6325

0.0000

227.0238,
229.4953, 300.7292

■ 25.7517, 24.9315,
39.5314

■ 25.7517, 24.9315,
39.5314

■ 21.4750, 19.6160,
38.7312

■ 30.6914, 31.1233,
40.4666

■ 17.8307, 15.1339,
38.0582

■ 36.3183, 38.2253,
41.5408

■ 14.7889, 11.4438,
37.5062

■ 42.6585, 46.2734,
42.7601

■ 12.3168, 8.4991,
37.0681

■ 49.7358, 55.3008,
44.1296

■ 10.3781, 6.2483,
36.7359

■ 57.5730, 65.3389,
45.6540

■ 8.9322, 4.6336,
36.5004

■ 66.1918, 76.4178,
47.3382

■ 7.9325, 3.5873,
36.3511

■ 75.6132, 88.5663,
49.1866

■ 7.2940, 2.9683,
36.2653

■ 82.3134, 94.7240,
50.0220

■ 7.2875, 2.9617,
36.2644

■ 83.8830, 95.5332,
50.0954

Harmonies

Analogous

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



23.5299, 24.9315, 41.3645



25.7517, 24.9315, 39.5314



27.5133, 24.9315, 34.2394

Triad

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



25.7517, 24.9315, 39.5314



26.0588, 24.9315, 18.0244



19.6637, 24.9315, 26.6704

Complementary

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



25.7517, 24.9315, 39.5314



32.5686, 36.5436, 27.5285

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.



20.2503, 24.9315, 21.1072



25.7517, 24.9315, 39.5314



23.8641, 24.9315, 16.6283

Square

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



25.7517, 24.9315, 39.5314



27.6983, 24.9315, 21.8158



21.7539, 24.9315, 17.6626



20.1002, 24.9315, 33.2809

Rectangle

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



25.7517, 24.9315, 39.5314



28.1407, 24.9315, 29.8331



21.7539, 24.9315, 17.6626



19.7470, 24.9315, 24.6256

Sweetspot

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



25.7525, 24.9325, 39.5320



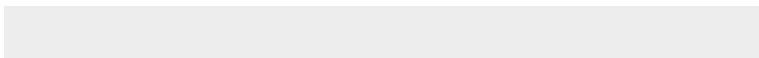
59.3987, 61.1424, 74.1463



29.3102, 33.2476, 40.9494



13.1536, 13.5076, 16.5661



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.7525, 24.9325, 39.5320



43.0459, 40.6496, 71.0527



28.6835, 26.4435, 39.6691



7.2337, 7.3531, 9.4564



5.6772, 2.3102, 28.1222



0.1685, 0.0719, 0.6856

Inverse Universe

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



30.5472, 27.4563, 37.4088



53.4400, 46.1234, 66.3232



29.4685, 34.9454, 27.3834



7.7923, 7.6468, 9.2237



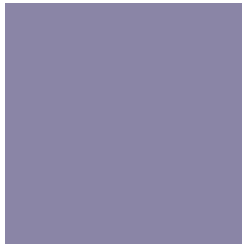
15.9281, 7.7799, 20.2306



0.4003, 0.1944, 0.5595

Previews

White Background



This preview shows how the XYZ color 25.7517, 24.9315, 39.5314 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 25.7517, 24.9315, 39.5314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

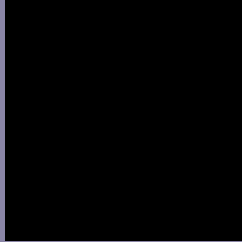
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.7517, 24.9315, 39.5314

Background



This preview shows how black text looks on a background with the XYZ color 25.7517, 24.9315, 39.5314.



This preview shows how white text looks on a background with the XYZ color 25.7517, 24.9315,

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

25.7517, 24.9315, 39.5314

Protanopia

24.7851, 24.8222, 40.5306

Deuteranopia

25.5614, 25.0376, 39.5619



Tritanopia

24.0623, 24.8658, 31.1351

Trichromacy



Original Color

25.7517, 24.9315, 39.5314

Protanomaly

25.0159, 24.7457, 40.0171

Deuteranomaly

25.7246, 25.1217, 39.5695

Tritanomaly

24.6501, 24.8953, 34.0779

Monochromacy



Original Color

25.7517, 24.9315, 39.5314

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.6307, 25.1497, 31.5732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7517, 24.9315, 39.5314 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(138, 133, 166)` looks like.

```
.text, #text, p{  
    color:rgb(138, 133, 166)  
}
```

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(138, 133, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 133, 166) }
```

Border

The CSS property to change the border of an element to XYZ 25.7517, 24.9315, 39.5314 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(138, 133, 166) }
```


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

```
.border{ border-color:rgb(138, 133, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 133, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 133, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 133, 166);  
box-shadow:4px 4px 4px 4px rgb(138, 133,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7517, 24.9315, 39.5314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 133, 166) }
```

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

```
.background{ background-color: rgb(138,  
133, 166) }
```

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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