

Converting Colors

XYZ(25.9337, 26.5217, 38.9702)

Have a look what the booklet for
XYZ(25.9337, 26.5217, 38.9702)
contains.

XYZ(25.9104, 26.5048, 38.8723)	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(25.9104, 26.5048,
38.8723)**

Conversions

Conversions Part 1

Format	Color
Hex	868CA4
RGB	134, 140, 164
RGB Percent	53%, 55%, 64%
CMY	0.4745, 0.4510, 0.3569
CMYK	0.18, 0.15, 0.00, 0.36
HSL	228°, 14%, 58%
HSV	228°, 18%, 64%
XYZ	25.9104, 26.5048, 38.8723
YIQ	140.9420, -11.2800, 6.1920

Conversions

Conversions Part 2

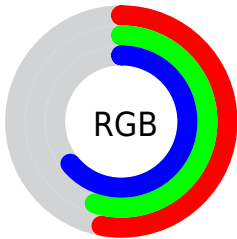
Format	Color
RYB	134, 139, 164
Decimal	8817828
CIELab	58.51, 3.02, -13.41
CIElCh	59, 13.747, 282.709
Yxy	26.5048, 0.2838, 0.2903
Android (android.graphics.Color)	4287007908 (0xFF868CA4)
YUV	140.9420, 11.3676, -6.0881
Hunter-Lab	51.4828, -0.2590, -8.7292

Details

The XYZ color **25.9104, 26.5048, 38.8723** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **31.8400, 34.0674, 27.4523**, and the grayscale version is **25.2554, 26.5706, 28.9354**.

A 20% lighter version of the original color is **52.3497, 53.8192, 74.6469**, and **10.2370, 10.3670, 16.7907** is the 20% darker color. If you saturate the color by 10%, you get **21.6925, 21.6528, 38.1585**, and if you desaturate by 10%, it is **30.7639, 32.0251, 39.6824**.

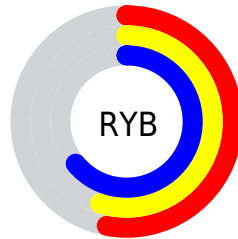
Distribution



Red (53%)

Green (55%)

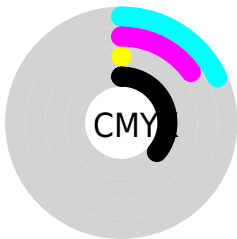
Blue (64%)



Red (53%)

Yellow (55%)

Blue (64%)

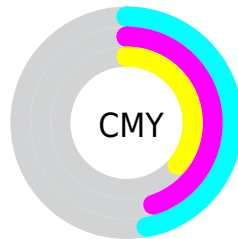


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (36%)



Cyan (47%)

Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9104, 26.5048, 38.8723 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 25.9104, 26.5048, 38.8723 by changing the saturation by 10% instead.

■ 25.9104, 26.5048,
38.8723

■ 25.9104, 26.5048,
38.8723

274.6067,
285.2514, 356.7570

■ 16.8890, 17.2017,
26.3533

■ 52.5627, 54.0882,
74.6614

■ 10.2502, 10.3784,
16.8600

■ 70.9243, 73.1373,
98.7686

■ 5.6287, 5.6505,
9.9738

■ 93.1299, 96.2037,
127.5756

■ 2.6591, 2.6338,
5.2762

119.5450,
123.6720, 161.5010

■ 0.9762, 0.9437,
2.3487

150.5348,
155.9266, 200.9633

■ 0.0000, 0.0000,
0.7583

186.4648,

■ 0.0000, 0.0000,

193.3517, 246.3810

0.0000

227.7004,
236.3318, 298.1728

■ 25.9104, 26.5048,
38.8723

■ 25.9104, 26.5048,
38.8723

■ 21.6925, 21.6528,
38.1585

■ 30.7639, 32.0251,
39.6824

■ 18.0811, 17.4403,
37.5358

■ 36.2756, 38.2346,
40.5905

■ 15.0486, 13.8411,
37.0009

■ 42.4699, 45.1573,
41.6003

■ 12.5639, 10.8257,
36.5498

■ 49.3693, 52.8153,
42.7147

■ 10.5932, 8.3626,
36.1782

■ 56.9953, 61.2293,
43.9369

■ 9.0988, 6.4166,
35.8814

■ 65.3683, 70.4196,
45.2695

■ 8.0373, 4.9486,
35.6540

■ 74.5082, 80.4054,
46.7152

■ 7.3385, 3.9034,
35.4891

■ 80.5801, 89.2188,
48.0963

■ 7.2395, 3.7575,
35.4661

■ 83.7009, 95.4604,
49.1366

Harmonies

Analogous

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



24.2428, 26.5048, 38.6390



25.9104, 26.5048, 38.8723



27.4504, 26.5048, 36.2156

Triad

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



25.9104, 26.5048, 38.8723



27.6444, 26.5048, 23.0207



22.2280, 26.5048, 26.1925

Complementary

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



25.9104, 26.5048, 38.8723



31.8400, 34.0674, 27.4523

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.



23.0611, 26.5048, 22.5732



25.9104, 26.5048, 38.8723



26.1657, 26.5048, 20.8868

Square

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



25.9104, 26.5048, 38.8723



28.4810, 26.5048, 26.8687



24.4870, 26.5048, 20.7327



22.1665, 26.5048, 30.9457

Rectangle

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



25.9104, 26.5048, 38.8723



28.1774, 26.5048, 33.3186



24.4870, 26.5048, 20.7327



22.4253, 26.5048, 24.8167

Sweetspot

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



25.9112, 26.5059, 38.8729



58.9084, 61.5966, 72.5369



29.2361, 34.0712, 37.1585



12.7369, 13.3064, 15.8346



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.9112, 26.5059, 38.8729



43.7398, 44.3375, 70.0050



26.4678, 25.5262, 38.6545



6.8099, 7.0788, 8.9105



5.5792, 2.9377, 27.2028



0.1467, 0.1207, 0.5814

Inverse Universe

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



28.5692, 26.8368, 28.4864



49.5090, 45.1461, 47.4406



31.1928, 35.2908, 27.7226



7.1290, 7.1081, 7.6659



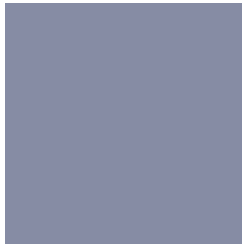
11.9616, 6.1407, 1.7223



0.2662, 0.1350, 0.1146

Previews

White Background



This preview shows how the XYZ color 25.9104, 26.5048, 38.8723 looks on a white background.

Color Contrast Check

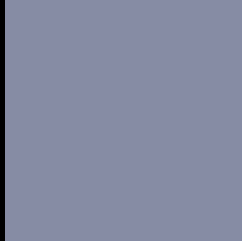
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9104, 26.5048, 38.8723 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

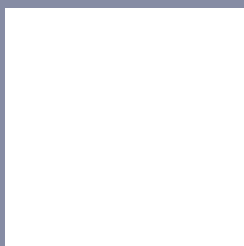
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9104, 26.5048, 38.8723

Background



This preview shows how black text looks on a background with the XYZ color 25.9104, 26.5048, 38.8723.



This preview shows how white text looks on a background with the XYZ color 25.9104, 26.5048,

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

25.9104, 26.5048, 38.8723

Protanopia

26.0868, 26.3798, 38.8388

Deuteranopia

27.0649, 26.4476, 39.2757



Tritanopia

24.9385, 26.5514, 33.9475

Trichromacy



Original Color

25.9104, 26.5048, 38.8723

Protanomaly

25.9251, 26.2965, 38.8313

Deuteranomaly

26.6952, 26.4690, 39.2994

Tritanomaly

25.2835, 26.4706, 35.6750

Monochromacy



Original Color

25.9104, 26.5048, 38.8723

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.4309, 26.6230, 32.2322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9104, 26.5048, 38.8723 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(134, 140, 164)` looks like.

```
.text, #text, p{  
    color:rgb(134, 140, 164)  
}
```

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(134, 140, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 140, 164) }
```

Border

The CSS property to change the border of an element to XYZ 25.9104, 26.5048, 38.8723 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(134, 140, 164) }
```


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

```
.border{ border-color:rgb(134, 140, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 140, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 140, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 140, 164);  
box-shadow:4px 4px 4px 4px rgb(134, 140,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9104, 26.5048, 38.8723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 140, 164) }
```

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

```
.background{ background-color: rgb(134,  
140, 164) }
```

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