

Converting Colors

XYZ(25.5429, 25.9826, 34.6808)

Have a look what the booklet for
XYZ(25.5429, 25.9826, 34.6808)
contains.

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Color

**XYZ(25.4861, 25.9468,
34.6753)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8A9B
RGB	138, 138, 155
RGB Percent	54%, 54%, 61%
CMY	0.4588, 0.4588, 0.3922
CMYK	0.11, 0.11, 0.00, 0.39
HSL	240°, 8%, 57%
HSV	240°, 11%, 61%
XYZ	25.4861, 25.9468, 34.6753
YIQ	139.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

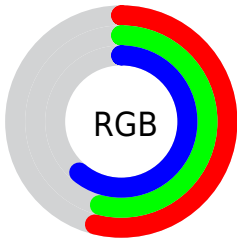
Format	Color
R_{YB}	138, 138, 155
Decimal	9079451
CIE Lab	57.99, 3.51, -9.02
CIE LCh	58, 9.677, 291.298
Yxy	25.9468, 0.2960, 0.3013
Android (android.graphics.Color)	4287269531 (0xFF8A8A9B)
YUV	139.9380, 7.4256, -1.6996
Hunter-Lab	50.9380, 0.1684, -4.7042

Details

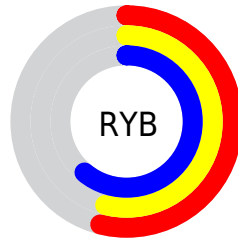
The XYZ color **25.4861, 25.9468, 34.6753** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.8264, 32.2460, 28.6973**, and the grayscale version is **24.8774, 26.1730, 28.5024**.

A 20% lighter version of the original color is **51.6253, 52.9414, 67.8194**, and **10.0129, 10.0536, 14.5095** is the 20% darker color. If you saturate the color by 10%, you get **21.0354, 20.5843, 33.8752**, and if you desaturate by 10%, it is **30.6217, 32.1348, 35.5994**.

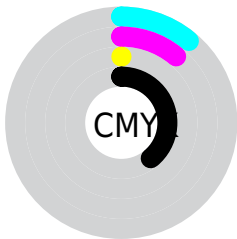
Distribution



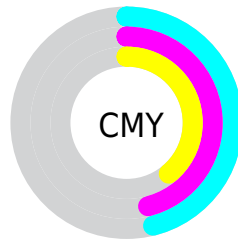
- Red (54%)
- Green (54%)
- Blue (61%)



- Red (54%)
- Yellow (54%)
- Blue (61%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (39%)



- Cyan (46%)
- Magenta (46%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4861, 25.9468, 34.6753 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 25.4861, 25.9468, 34.6753 by changing the saturation by 10% instead.

■ 25.4861, 25.9468,
34.6753

■ 25.4861, 25.9468,
34.6753

272.5534,
282.5208, 337.9934

■ 16.5702, 16.7838,
23.1313

■ 51.8820, 53.1891,
68.1283

■ 10.0220, 10.0805,
14.4843

■ 70.0927, 72.0373,
90.8744

■ 5.4759, 5.4524,
8.3157

■ 92.1324, 94.8826,
118.1916

■ 2.5667, 2.5150,
4.2069

118.3665,
122.1095, 150.4985

■ 0.9290, 0.8842,
1.7395

149.1602,
154.1024, 188.2136

■ 0.0000, 0.0000,
0.3876

184.8791,

■ 0.0000, 0.0000,

191.2456, 231.7554

0.0000

225.8883,
233.9236, 281.5425

■ 25.4861, 25.9468,
34.6753

■ 25.4861, 25.9468,
34.6753

■ 21.0354, 20.5843,
33.8752

■ 30.6217, 32.1348,
35.5994

■ 17.2384, 16.0093,
33.1923

■ 36.4669, 39.1776,
36.6508

■ 14.0651, 12.1857,
32.6215

■ 43.0481, 47.1072,
37.8345

■ 11.4822, 9.0734,
32.1569

■ 50.3897, 55.9530,
39.1549

■ 9.4532, 6.6286,
31.7919

■ 58.5149, 65.7428,
40.6163

■ 7.9376, 4.8023,
31.5193

■ 67.4459, 76.5036,
42.2226

■ 6.8895, 3.5394,
31.3308

■ 77.2041, 88.2609,
43.9777

■ 6.2549, 2.7745,
31.2166

■ 82.9165, 95.1466,
45.0057

■ 5.9167, 2.3670,
31.1558

Harmonies

Analogous

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



24.3236, 25.9468, 35.0955



25.4861, 25.9468, 34.6753



26.4555, 25.9468, 32.4654

Triad

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



25.4861, 25.9468, 34.6753



26.0922, 25.9468, 23.5253



22.5084, 25.9468, 27.2901

Complementary

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



25.4861, 25.9468, 34.6753



29.8264, 32.2460, 28.6973

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.



22.9508, 25.9468, 24.4192



25.4861, 25.9468, 34.6753



25.0029, 25.9468, 22.3609

Square

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



25.4861, 25.9468, 34.6753



26.8130, 25.9468, 25.9801



23.8552, 25.9468, 22.6748



22.6286, 25.9468, 30.6519

Rectangle

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



25.4861, 25.9468, 34.6753



26.8498, 25.9468, 30.3637



23.8552, 25.9468, 22.6748



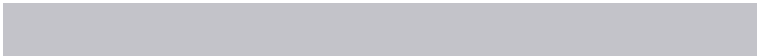
22.5958, 25.9468, 26.2399

Sweetspot

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



25.4869, 25.9479, 34.6759



52.8130, 55.1075, 63.3896



28.0956, 31.2034, 35.4282



11.7869, 12.2720, 14.3179



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.



25.4869, 25.9479, 34.6759



43.7151, 44.1456, 61.7532



26.8979, 26.6749, 34.7418



5.8845, 6.0264, 7.7820



4.7523, 1.9012, 25.0242



0.0711, 0.0285, 0.3741

Inverse Universe

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



27.1941, 26.9811, 27.8206



47.3534, 46.3474, 47.1440



28.3030, 31.4611, 28.6261



6.2088, 6.2227, 6.4799



10.8575, 5.5972, 0.5086



0.1623, 0.0837, 0.0076

Previews

White Background



This preview shows how the XYZ color 25.4861, 25.9468, 34.6753 looks on a white background.

Color Contrast Check

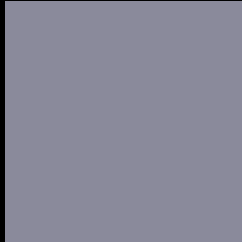
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4861, 25.9468, 34.6753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

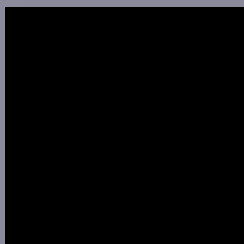
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4861, 25.9468, 34.6753

Background



This preview shows how black text looks on a background with the XYZ color 25.4861, 25.9468, 34.6753.



This preview shows how white text looks on a background with the XYZ color 25.4861, 25.9468,

34.6753.

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

25.4861, 25.9468, 34.6753

Protanopia

25.3214, 25.8619, 34.6676

Deuteranopia

26.3976, 25.9946, 34.6365



Tritanopia

25.0542, 25.9856, 32.5494

Trichromacy



Original Color

25.4861, 25.9468, 34.6753

Protanomaly

25.3214, 25.8619, 34.6676

Deuteranomaly

26.0174, 26.0087, 34.6593

Tritanomaly

25.2166, 26.0506, 33.4050

Monochromacy



Original Color

25.4861, 25.9468, 34.6753

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.9909, 25.9985, 30.4891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4861, 25.9468, 34.6753 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, 138, 155)` looks like.

```
.text, #text, p{  
    color:rgb(138, 138, 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(138, 138, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 138, 155) }
```

Border

The CSS property to change the border of an element to XYZ 25.4861, 25.9468, 34.6753 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, 138, 155) }
```


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

```
.border{ border-color:rgb(138, 138, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 138, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 138, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 138, 155);  
box-shadow:4px 4px 4px 4px rgb(138, 138,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4861, 25.9468, 34.6753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 138, 155) }
```

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

```
.background{ background-color: rgb(138,  
138, 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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