

Converting Colors

XYZ(25.5763, 25.8685, 39.3704)

Have a look what the booklet for
XYZ(25.5763, 25.8685, 39.3704)
contains.

XYZ(25.5529, 25.8801, 39.2459)	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(25.5529, 25.8801,
39.2459)**

Conversions

Conversions Part 1

Format	Color
Hex	858AA5
RGB	133, 138, 165
RGB Percent	52%, 54%, 65%
CMY	0.4784, 0.4588, 0.3529
CMYK	0.19, 0.16, 0.00, 0.35
HSL	231°, 15%, 58%
HSV	231°, 19%, 65%
XYZ	25.5529, 25.8801, 39.2459
YIQ	139.5830, -11.6470, 7.3370

Conversions

Conversions Part 2

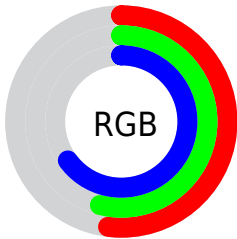
Format	Color
R_{YB}	133, 137, 165
Decimal	8751781
CIE _{Lab}	57.92, 4.07, -14.88
CIE _{LCh}	58, 15.427, 285.296
Yxy	25.8801, 0.2818, 0.2854
Android (android.graphics.Color)	4286941861 (0xFF858AA5)
YUV	139.5830, 12.5306, -5.7733
Hunter-Lab	50.8725, 0.6325, -10.1289

Details

The XYZ color **25.5529, 25.8801, 39.2459** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **32.3218, 34.8345, 27.2112**, and the grayscale version is **24.7225, 26.0100, 28.3249**.

A 20% lighter version of the original color is **51.7988, 52.8680, 75.1846**, and **10.0376, 10.0107, 17.0260** is the 20% darker color. If you saturate the color by 10%, you get **21.2789, 20.8999, 38.5103**, and if you desaturate by 10%, it is **30.4938, 31.5855, 40.0872**.

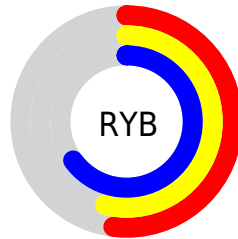
Distribution



Red (52%)

Green (54%)

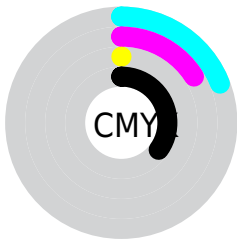
Blue (65%)



Red (52%)

Yellow (54%)

Blue (65%)

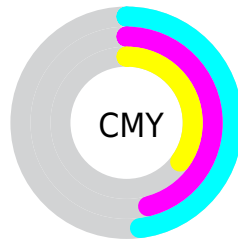


Cyan (19%)

Magenta (16%)

Yellow (0%)

Black (35%)



Cyan (48%)

Magenta (46%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5529, 25.8801, 39.2459 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 25.5529, 25.8801, 39.2459 by changing the saturation by 10% instead.

■ 25.5529, 25.8801,
39.2459

■ 25.5529, 25.8801,
39.2459

272.8775,
282.1930, 358.3920

■ 16.6204, 16.7340,
26.6418

■ 51.9892, 53.0815,
75.2383

■ 10.0578, 10.0450,
17.0743

■ 70.2238, 71.9055,
99.4636

■ 5.4999, 5.4288,
10.1250

■ 92.2897, 94.7242,
128.3998

■ 2.5812, 2.5010,
5.3752

118.5523,
121.9221, 162.4654

■ 0.9364, 0.8771,
2.4065

149.3771,
153.8835, 202.0788

■ 0.0000, 0.0000,
0.7900

185.1293,

■ 0.0000, 0.0000,

190.9929, 247.6587

0.0000

226.1743,
233.6346, 299.6236

■ 25.5529, 25.8801,
39.2459

■ 25.5529, 25.8801,
39.2459

■ 21.2789, 20.8999,
38.5103

■ 30.4938, 31.5855,
40.0872

■ 17.6406, 16.6125,
37.8745

■ 36.1261, 38.0403,
41.0362

■ 14.6080, 12.9879,
37.3347

■ 42.4761, 45.2716,
42.0973

■ 12.1478, 9.9926,
36.8862

■ 49.5680, 53.3041,
43.2740

■ 10.2230, 7.5899,
36.5239

■ 57.4246, 62.1617,
44.5695

■ 8.7927, 5.7395,
36.2421

■ 66.0681, 71.8668,
45.9873

■ 7.8094, 4.3956,
36.0346

■ 75.5196, 82.4413,
47.5302

■ 7.1877, 3.4902,
35.8926

■ 82.0230, 91.9595,
49.0246

■ 7.1563, 3.4460,
35.8857

■ 83.7916, 95.4966,
49.6142

Harmonies

Analogous

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



23.7025, 25.8801, 39.2801



25.5529, 25.8801, 39.2459



27.2260, 25.8801, 36.0070

Triad

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



25.5529, 25.8801, 39.2459



27.1981, 25.8801, 21.5141



21.3018, 25.8801, 25.6609

Complementary

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



25.5529, 25.8801, 39.2459



32.3218, 34.8345, 27.2112

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.



22.1453, 25.8801, 21.5767



25.5529, 25.8801, 39.2459



25.5163, 25.8801, 19.3954

Square

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



25.5529, 25.8801, 39.2459



28.2079, 25.8801, 25.5649



23.6677, 25.8801, 19.4167



21.3105, 25.8801, 30.9655

Rectangle

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



25.5529, 25.8801, 39.2459



27.9889, 25.8801, 32.6753



23.6677, 25.8801, 19.4167



21.4931, 25.8801, 24.1154

Sweetspot

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



25.5537, 25.8812, 39.2465



57.7845, 60.2115, 72.3288



29.4446, 34.4238, 38.1981



12.5027, 13.0140, 15.7905



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.



25.5537, 25.8812, 39.2465



42.5399, 42.6043, 69.7337



26.6232, 25.3917, 39.0956



6.7857, 7.0305, 8.9024



5.4387, 2.6567, 27.1559



0.1382, 0.1037, 0.5786

Inverse Universe

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



28.4927, 26.6101, 27.6804



48.7406, 44.2157, 45.3151



31.0793, 35.5070, 27.4065



7.1168, 7.1032, 7.6016



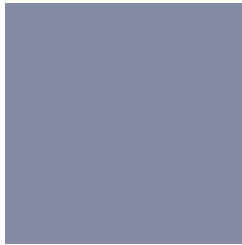
11.8907, 6.1123, 1.3489



0.2619, 0.1333, 0.0920

Previews

White Background



This preview shows how the XYZ color 25.5529, 25.8801, 39.2459 looks on a white background.

Color Contrast Check

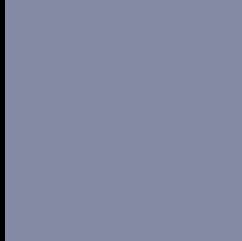
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5529, 25.8801, 39.2459 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

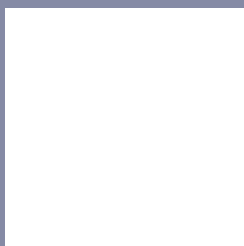
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5529, 25.8801, 39.2459

Background



This preview shows how black text looks on a background with the XYZ color 25.5529, 25.8801, 39.2459.



This preview shows how white text looks on a background with the XYZ color 25.5529, 25.8801,

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

25.5529, 25.8801, 39.2459

Protanopia

25.7115, 25.9619, 39.2533

Deuteranopia

26.4109, 25.9004, 39.2046



Tritanopia

24.1699, 25.7364, 32.9719

Trichromacy



Original Color

25.5529, 25.8801, 39.2459

Protanomaly

25.7115, 25.9619, 39.2533

Deuteranomaly

26.0537, 25.9263, 39.2284

Tritanomaly

24.5934, 25.6908, 35.1151

Monochromacy



Original Color

25.5529, 25.8801, 39.2459

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.9740, 25.9535, 32.1270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5529, 25.8801, 39.2459 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(133, 138, 165)` looks like.

```
.text, #text, p{  
    color:rgb(133, 138, 165)  
}
```

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(133, 138, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 138, 165) }
```

Border

The CSS property to change the border of an element to XYZ 25.5529, 25.8801, 39.2459 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(133, 138, 165) }
```


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

```
.border{ border-color:rgb(133, 138, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 138, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 138, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 138, 165);  
box-shadow:4px 4px 4px 4px rgb(133, 138,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5529, 25.8801, 39.2459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 138, 165) }
```

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

```
.background{ background-color: rgb(133,  
138, 165) }
```

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