

Converting Colors

XYZ(25.5257, 19.9625, 56.2225)

Have a look what the booklet for
XYZ(25.5257, 19.9625, 56.2225)
contains.

XYZ(25.3871, 19.8707, 55.9235)	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(25.3871, 19.8707,
55.9235)**

Conversions

Conversions Part 1

Format	Color
Hex	866CC6
RGB	134, 108, 198
RGB Percent	53%, 42%, 78%
CMY	0.4745, 0.5765, 0.2235
CMYK	0.32, 0.45, 0.00, 0.22
HSL	257°, 44%, 60%
HSV	257°, 45%, 78%
XYZ	25.3871, 19.8707, 55.9235
YIQ	126.0340, -13.3940, 33.5020

Conversions

Conversions Part 2

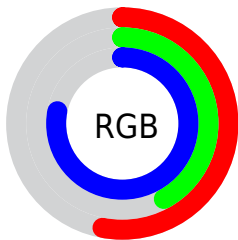
Format	Color
RYB	134, 108, 198
Decimal	8809670
CIELab	51.69, 30.23, -43.46
CIELCh	52, 52.942, 304.826
Yxy	19.8707, 0.2509, 0.1964
Android (android.graphics.Color)	4286999750 (0xFF866CC6)
YUV	126.0340, 35.4792, 6.9862
Hunter-Lab	44.5766, 23.6498, -43.1786

Details

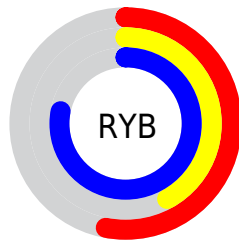
The XYZ color **25.3871, 19.8707, 55.9235** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **39.9145, 50.2420, 21.7820**, and the grayscale version is **19.7299, 20.7574, 22.6048**.

A 20% lighter version of the original color is **51.6071, 43.1804, 100.2224**, and **10.0432, 6.9947, 27.2063** is the 20% darker color. If you saturate the color by 10%, you get **21.4345, 15.0775, 55.2070**, and if you desaturate by 10%, it is **30.1142, 25.7677, 56.8130**.

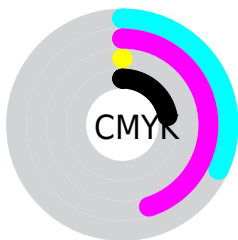
Distribution



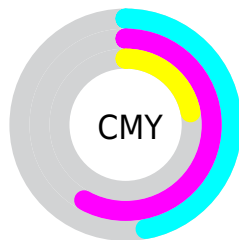
- Red (53%)
- Green (42%)
- Blue (78%)



- Red (53%)
- Yellow (42%)
- Blue (78%)



- Cyan (32%)
- Magenta (45%)
- Yellow (0%)
- Black (22%)



- Cyan (47%)
- Magenta (58%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3871, 19.8707, 55.9235 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 25.3871, 19.8707, 55.9235 by changing the saturation by 10% instead.

■ 25.3871, 19.8707,
55.9235

■ 25.3871, 19.8707,
55.9235

272.0725,
251.2143, 426.7833

■ 16.4960, 12.3011,
39.7380

■ 51.7229, 43.2003,
100.3774

■ 9.9688, 6.9491,
27.0221

■ 69.8983, 59.7291,
129.4829

■ 5.4404, 3.4303,
17.3572

■ 91.8991, 80.0130,
163.7321

■ 2.5453, 1.3603,
10.3249

■ 118.0907,
104.4366, 203.5436

■ 0.9182, 0.1872,
5.5065

148.8385,
133.3840, 249.3360

■ 0.0000, 0.0000,
2.4835

184.5079,

■ 0.0000, 0.0000,

167.2399, 301.5277

0.8314

225.4641,
206.3885, 360.5373

■ 0.0000, 0.0000,
0.0000

■ 25.3871, 19.8707,
55.9235

■ 25.3871, 19.8707,
55.9235

■ 21.4345, 15.0775,
55.2070

■ 30.1142, 25.7677,
56.8130

■ 18.2098, 11.3149,
54.6507

■ 35.6541, 32.8310,
57.8843

■ 15.6648, 8.5039,
54.2423

■ 42.0451, 41.1209,
59.1476

■ 13.7436, 6.5527,
53.9669

■ 49.3223, 50.6927,
60.6116

■ 12.3794, 5.3494,
53.8066

■ 57.5189, 61.5986,
62.2846

■ 11.8920, 4.9530,
53.7557

■ 66.6662, 73.8875,
64.1745

■ 76.7941, 87.6062,
66.2887

■ 84.1847, 95.3064,
67.3854

■ 87.1931, 96.8572,
67.5262

Harmonies

Analogous

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



19.7646, 19.8707, 66.2351



25.3871, 19.8707, 55.9235



29.8024, 19.8707, 36.7326

Triad

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



25.3871, 19.8707, 55.9235



23.6060, 19.8707, 4.4314



10.3827, 19.8707, 24.2084

Complementary

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



25.3871, 19.8707, 55.9235



39.9145, 50.2420, 21.7820

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.



11.0264, 19.8707, 11.3725



25.3871, 19.8707, 55.9235



18.0348, 19.8707, 3.5602

Square

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



25.3871, 19.8707, 55.9235



28.6455, 19.8707, 8.8009



13.6027, 19.8707, 5.3489



11.6417, 19.8707, 43.1826

Rectangle

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



25.3871, 19.8707, 55.9235



31.0872, 19.8707, 24.4014



13.6027, 19.8707, 5.3489



10.3864, 19.8707, 19.0875

Sweetspot

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



25.3879, 19.8714, 55.9240



75.9691, 74.7988, 105.0414



31.2259, 36.9617, 58.9150



15.6926, 15.2679, 22.3698



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



25.3879, 19.8714, 55.9240



37.7212, 26.4196, 97.7191



34.0312, 24.3273, 56.3285



10.3398, 10.4334, 13.3864



7.8079, 3.2594, 34.9620



0.4430, 0.1921, 1.6589

Inverse Universe

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



36.0982, 25.7101, 42.0900



59.5416, 38.3443, 68.2049



31.7285, 46.0219, 21.3989



10.9474, 10.7624, 12.7065



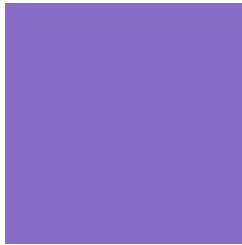
18.3007, 9.0698, 17.3251



0.8968, 0.4416, 0.9797

Previews

White Background



This preview shows how the XYZ color 25.3871, 19.8707, 55.9235 looks on a white background.

Color Contrast Check

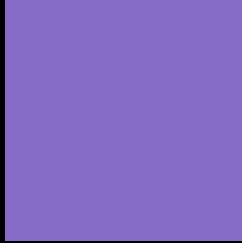
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3871, 19.8707, 55.9235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

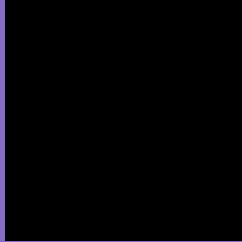
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3871, 19.8707, 55.9235

Background



This preview shows how black text looks on a background with the XYZ color 25.3871, 19.8707, 55.9235.



This preview shows how white text looks on a background with the XYZ color 25.3871, 19.8707,

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

25.3871, 19.8707, 55.9235

Protanopia

21.9714, 19.9677, 63.0177

Deuteranopia

20.5894, 19.9909, 54.4032



Tritanopia

19.2018, 19.9243, 25.0240

Trichromacy



Original Color

25.3871, 19.8707, 55.9235

Protanomaly

22.8584, 19.7821, 60.3712

Deuteranomaly

21.9217, 19.7672, 54.8846

Tritanomaly

21.1684, 19.8268, 34.6095

Monochromacy



Original Color

25.3871, 19.8707, 55.9235

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.3176, 20.1278, 32.4673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3871, 19.8707, 55.9235 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, 108, 198)` looks like.

```
.text, #text, p{  
    color:rgb(134, 108, 198)  
}
```

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, 108, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 108, 198) }
```

Border

The CSS property to change the border of an element to XYZ 25.3871, 19.8707, 55.9235 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, 108, 198) }
```


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

```
.border{ border-color:rgb(134, 108, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 108, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 108, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 108, 198);  
box-shadow:4px 4px 4px 4px rgb(134, 108,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3871, 19.8707, 55.9235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 108, 198) }
```

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

```
.background{ background-color: rgb(134,  
108, 198) }
```

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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