

Converting Colors

XYZ(25.1786, 19.4536, 55.8539)

Have a look what the booklet for
XYZ(25.1786, 19.4536, 55.8539)
contains.

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Color

**XYZ(25.1786, 19.4536,
55.8539)**

Conversions

Conversions Part 1

Format	Color
Hex	866AC6
RGB	134, 106, 198
RGB Percent	53%, 42%, 78%
CMY	0.4745, 0.5843, 0.2235
CMYK	0.32, 0.46, 0.00, 0.22
HSL	258°, 45%, 60%
HSV	258°, 46%, 78%
XYZ	25.1786, 19.4536, 55.8539
YIQ	124.8600, -12.8440, 34.5480

Conversions

Conversions Part 2

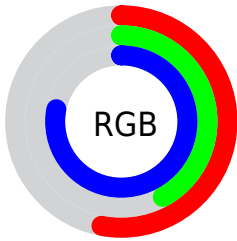
Format	Color
RYB	134, 106, 198
Decimal	8809158
CIELab	51.21, 31.41, -44.22
CIELCh	51, 54.234, 305.386
Yxy	19.4536, 0.2506, 0.1936
Android (android.graphics.Color)	4286999238 (0xFF866AC6)
YUV	124.8600, 36.0580, 8.0158
Hunter-Lab	44.1062, 24.7131, -44.2075

Details

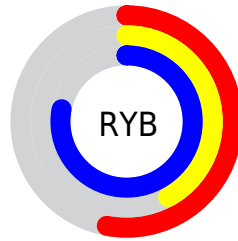
The XYZ color **25.1786, 19.4536, 55.8539** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **39.3733, 49.9751, 21.2072**, and the grayscale version is **19.3323, 20.3391, 22.1493**.

A 20% lighter version of the original color is **51.5121, 42.6209, 100.1194**, and **9.9404, 6.7891, 27.1721** is the 20% darker color. If you saturate the color by 10%, you get **21.3146, 14.7746, 55.1548**, and if you desaturate by 10%, it is **29.8011, 25.2235, 56.7243**.

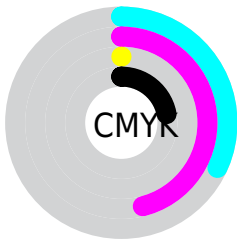
Distribution



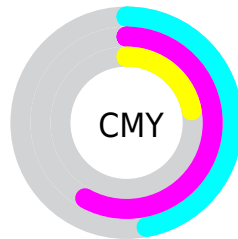
- Red (53%)
- Green (42%)
- Blue (78%)



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



- Cyan (32%)
- Magenta (46%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1786, 19.4536, 55.8539 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 25.1786, 19.4536, 55.8539 by changing the saturation by 10% instead.

■ 25.1786, 19.4536,
55.8539

■ 25.1786, 19.4536,
55.8539

271.0575,
248.9416, 426.5135

■ 16.3396, 11.9985,
39.6826

■ 51.3876, 42.4992,
100.2746

■ 9.8572, 6.7427,
26.9792

■ 69.4884, 58.8585,
129.3611

■ 5.3659, 3.3017,
17.3253

■ 91.4071, 78.9546,
163.5896

■ 2.5004, 1.2912,
10.3023

■ 117.5091,
103.1719, 203.3789

■ 0.8955, 0.1344,
5.4916

148.1598,
131.8949, 249.1474

■ 0.0000, 0.0000,
2.4748

183.7245,

■ 0.0000, 0.0000,

165.5079, 301.3136

0.8267

224.5686,
204.3953, 360.2961

■ 0.0000, 0.0000,
0.0000

■ 25.1786, 19.4536,
55.8539

■ 25.1786, 19.4536,
55.8539

■ 21.3146, 14.7746,
55.1548

■ 29.8011, 25.2235,
56.7243

■ 18.1631, 11.1130,
54.6141

■ 35.2199, 32.1470,
57.7751

■ 15.6759, 8.3892,
54.2195

■ 41.4729, 40.2844,
59.0162

■ 13.7974, 6.5104,
53.9558

■ 48.5949, 49.6912,
60.4565

■ 12.4580, 5.3577,
53.8039

■ 56.6185, 60.4195,
62.1044

■ 12.0726, 5.0461,
53.7641

■ 65.5748, 72.5183,
63.9677

■ 75.4930, 86.0341,
66.0537

■ 83.3281, 94.8647,
67.3453

■ 87.1931, 96.8572,
67.5261

Harmonies

Analogous

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



19.4820, 19.4536, 66.7267



25.1786, 19.4536, 55.8539



29.6282, 19.4536, 36.1392

Triad

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



25.1786, 19.4536, 55.8539



23.1610, 19.4536, 4.0169



9.9590, 19.4536, 24.0975

Complementary

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



25.1786, 19.4536, 55.8539



39.3733, 49.9751, 21.2072

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.



10.5652, 19.4536, 11.0528



25.1786, 19.4536, 55.8539



17.5324, 19.4536, 3.2267

Square

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



25.1786, 19.4536, 55.8539



28.3135, 19.4536, 8.2059



13.1052, 19.4536, 5.0106



11.2506, 19.4536, 43.4915

Rectangle

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



25.1786, 19.4536, 55.8539



30.8917, 19.4536, 23.6652



13.1052, 19.4536, 5.0106



9.9509, 19.4536, 18.8783

Sweetspot

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



25.1794, 19.4543, 55.8544



76.1462, 74.8902, 105.0496



30.5872, 36.0416, 58.7710



15.7354, 15.2899, 22.3719



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.



25.1794, 19.4543, 55.8544



37.5115, 25.8869, 97.6273



34.0769, 24.0412, 56.2708



10.3552, 10.4414, 13.3871



7.9281, 3.3213, 34.9676



0.4501, 0.1958, 1.6592

Inverse Universe

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



35.6987, 25.2166, 41.0158



58.8816, 37.6227, 66.1400



31.1662, 45.7441, 20.8231



10.9403, 10.7595, 12.6689



18.1557, 9.0118, 16.5616



0.8908, 0.4392, 0.9482

Previews

White Background



This preview shows how the XYZ color 25.1786, 19.4536, 55.8539 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 25.1786, 19.4536, 55.8539 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 25.1786, 19.4536, 55.8539

Background



This preview shows how black text looks on a background with the XYZ color 25.1786, 19.4536, 55.8539.



This preview shows how white text looks on a background with the XYZ color 25.1786, 19.4536,

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

25.1786, 19.4536, 55.8539

Protanopia

21.7094, 19.6406, 63.6196

Deuteranopia

20.2032, 19.6085, 54.3498



Tritanopia

18.6798, 19.3065, 24.2147

Trichromacy



Original Color

25.1786, 19.4536, 55.8539

Protanomaly

22.5247, 19.2576, 60.9224

Deuteranomaly

21.4647, 19.1856, 54.7964

Tritanomaly

20.6192, 19.2173, 33.6329

Monochromacy



Original Color

25.1786, 19.4536, 55.8539

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.0480, 19.8131, 32.4207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1786, 19.4536, 55.8539 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, 106, 198)` looks like.

```
.text, #text, p{  
    color:rgb(134, 106, 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, 106, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 106, 198) }
```

Border

The CSS property to change the border of an element to XYZ 25.1786, 19.4536, 55.8539 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, 106, 198) }
```


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

```
.border{ border-color:rgb(134, 106, 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, 106, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 106, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 106, 198);  
box-shadow:4px 4px 4px 4px rgb(134, 106,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1786, 19.4536, 55.8539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 106, 198) }
```

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

```
.background{ background-color: rgb(134,  
106, 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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