

Converting Colors

XYZ(25.4833, 19.5566, 48.4080)

Have a look what the booklet for
XYZ(25.4833, 19.5566, 48.4080)
contains.

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Color

**XYZ(25.4856, 19.6257,
48.3438)**

Conversions

Conversions Part 1

Format	Color
Hex	9169B9
RGB	145, 105, 185
RGB Percent	57%, 41%, 73%
CMY	0.4314, 0.5882, 0.2745
CMYK	0.22, 0.43, 0.00, 0.27
HSL	270°, 36%, 57%
HSV	270°, 43%, 73%
XYZ	25.4856, 19.6257, 48.3438
YIQ	126.0800, -1.8400, 33.3600

Conversions

Conversions Part 2

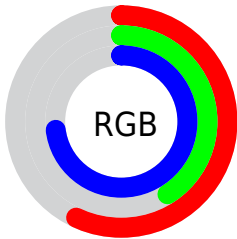
Format	Color
R_{YB}	145, 105, 185
Decimal	9529785
CIE _{Lab}	51.41, 31.85, -36.35
CIE _{LCh}	51, 48.333, 311.228
Yxy	19.6257, 0.2727, 0.2100
Android (android.graphics.Color)	4287719865 (0xFF9169B9)
YUV	126.0800, 29.0476, 16.5928
Hunter-Lab	44.3009, 25.1616, -33.6902

Details

The XYZ color **25.4856, 19.6257, 48.3438** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **31.5763, 41.7380, 19.7574**, and the grayscale version is **19.7638, 20.7931, 22.6437**.

A 20% lighter version of the original color is **51.7536, 42.7442, 88.7418**, and **9.9735, 6.8403, 22.2674** is the 20% darker color. If you saturate the color by 10%, you get **22.2382, 15.4525, 47.7098**, and if you desaturate by 10%, it is **29.2770, 24.6886, 49.1215**.

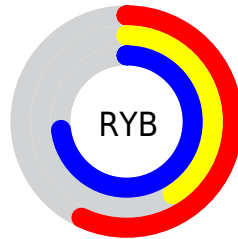
Distribution



Red (57%)

Green (41%)

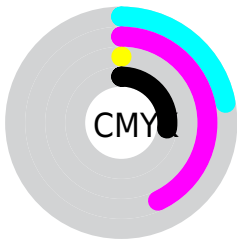
Blue (73%)



Red (57%)

Yellow (41%)

Blue (73%)

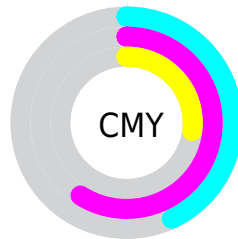


Cyan (22%)

Magenta (43%)

Yellow (0%)

Black (27%)



Cyan (43%)

Magenta (59%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4856, 19.6257, 48.3438 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 25.4856, 19.6257, 48.3438 by changing the saturation by 10% instead.

■ 25.4856, 19.6257,
48.3438

■ 25.4856, 19.6257,
48.3438

272.5509,
249.8815, 396.7012

■ 16.5699, 12.1233,
33.7373

■ 51.8812, 42.7887,
89.0869

■ 10.0217, 6.8277,
22.4161

■ 70.0917, 59.2181,
116.0607

■ 5.4757, 3.3546,
13.9618

■ 92.1312, 79.3920,
147.9939

■ 2.5666, 1.3195,
7.9556

■ 118.3651,
103.6946, 185.3051

■ 0.9290, 0.1562,
3.9792

149.1586,
132.5105, 228.4129

■ 0.0000, 0.0000,
1.6139

184.8772,

■ 0.0000, 0.0000,

166.2241, 277.7359

0.3007

225.8862,
205.2196, 333.6924

■ 0.0000, 0.0000,
0.0000

■ 25.4856, 19.6257,
48.3438

■ 25.4856, 19.6257,
48.3438

■ 22.2382, 15.4525,
47.7098

■ 29.2770, 24.6886,
49.1215

■ 19.5027, 12.1113,
47.2090

■ 33.6377, 30.6893,
50.0500

■ 17.2465, 9.5411,
46.8319

■ 38.5940, 37.6752,
51.1371

■ 15.4317, 7.6712,
46.5666

■ 44.1696, 45.6896,
52.3902

■ 14.0133, 6.4168,
46.3992

■ 50.3870, 54.7732,
53.8158

■ 13.2209, 5.8040,
46.3227

■ 57.2674, 64.9647,
55.4204

■ 64.8310, 76.3006,
57.2098

■ 73.0972, 88.8158,
59.1898

■ 76.5918, 91.5579,
59.5349

Harmonies

Analogous

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



20.5254, 19.6257, 59.6339



25.4856, 19.6257, 48.3438



28.9279, 19.6257, 31.1474

Triad

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



25.4856, 19.6257, 48.3438



21.8124, 19.6257, 4.7619



10.9319, 19.6257, 26.9915

Complementary

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



25.4856, 19.6257, 48.3438



31.5763, 41.7380, 19.7574

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.



11.1554, 19.6257, 13.8869



25.4856, 19.6257, 48.3438



16.8992, 19.6257, 4.4360

Square

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



25.4856, 19.6257, 48.3438



26.5669, 19.6257, 8.1747



13.1668, 19.6257, 6.9360



12.4920, 19.6257, 44.1940

Rectangle

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



25.4856, 19.6257, 48.3438



29.5935, 19.6257, 20.8029



13.1668, 19.6257, 6.9360



10.8091, 19.6257, 21.9454

Sweetspot

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



25.4863, 19.6265, 48.3442



69.1487, 67.5149, 91.5918



24.7087, 26.7576, 49.7617



14.4662, 13.9284, 19.6476



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.4863, 19.6265, 48.3442



40.0386, 27.9393, 85.4872



33.8166, 23.9209, 48.7341



8.9374, 8.9341, 11.3328



9.0863, 3.9953, 31.5453



0.3917, 0.1776, 1.1154

Inverse Universe

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



30.1705, 22.4625, 29.5341



49.9440, 33.9364, 45.7105



25.7251, 38.7216, 19.4835



9.1868, 9.0851, 10.3313



14.9904, 7.5699, 7.8364



0.5597, 0.2794, 0.4408

Previews

White Background



This preview shows how the XYZ color 25.4856, 19.6257, 48.3438 looks on a white background.

Color Contrast Check

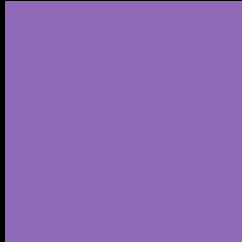
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4856, 19.6257, 48.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

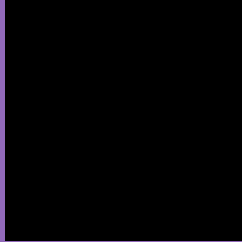
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4856, 19.6257, 48.3438

Background



This preview shows how black text looks on a background with the XYZ color 25.4856, 19.6257, 48.3438.



This preview shows how white text looks on a background with the XYZ color 25.4856, 19.6257,

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

25.4856, 19.6257, 48.3438

Protanopia

21.3231, 19.7855, 56.1212

Deuteranopia

20.3328, 19.8379, 47.0134



Tritanopia

20.3009, 19.6401, 22.7996

Trichromacy



Original Color

25.4856, 19.6257, 48.3438

Protanomaly

22.3119, 19.4912, 53.0383

Deuteranomaly

21.7321, 19.4871, 47.4157

Tritanomaly

21.8979, 19.4373, 30.6146

Monochromacy



Original Color

25.4856, 19.6257, 48.3438

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.4178, 20.0500, 30.3450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4856, 19.6257, 48.3438 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(145, 105, 185)` looks like.

```
.text, #text, p{  
    color:rgb(145, 105, 185)  
}
```

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(145, 105, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 105, 185) }
```

Border

The CSS property to change the border of an element to XYZ 25.4856, 19.6257, 48.3438 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(145, 105, 185) }
```


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

```
.border{ border-color:rgb(145, 105, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 105, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 105, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 105, 185);  
box-shadow:4px 4px 4px 4px rgb(145, 105,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4856, 19.6257, 48.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 105, 185) }
```

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

```
.background{ background-color: rgb(145,  
105, 185) }
```

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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