

Converting Colors

XYZ(25.4694, 19.6490, 49.1543)

Have a look what the booklet for
XYZ(25.4694, 19.6490, 49.1543)
contains.

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Color

**XYZ(25.4161, 19.5776,
48.8937)**

Conversions

Conversions Part 1

Format	Color
Hex	9069BA
RGB	144, 105, 186
RGB Percent	56%, 41%, 73%
CMY	0.4353, 0.5882, 0.2706
CMYK	0.23, 0.44, 0.00, 0.27
HSL	269°, 37%, 57%
HSV	269°, 44%, 73%
XYZ	25.4161, 19.5776, 48.8937
YIQ	125.8950, -2.7570, 33.4590

Conversions

Conversions Part 2

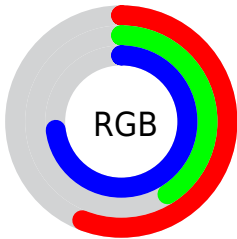
Format	Color
RYB	144, 105, 186
Decimal	9464250
CIELab	51.36, 31.80, -37.02
CIELCh	51, 48.803, 310.659
Yxy	19.5776, 0.2707, 0.2085
Android (android.graphics.Color)	4287654330 (0xFF9069BA)
YUV	125.8950, 29.6318, 15.8781
Hunter-Lab	44.2466, 25.1024, -34.5445

Details

The XYZ color **25.4161, 19.5776, 48.8937** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **32.1418, 42.3412, 19.8439**, and the grayscale version is **19.6994, 20.7253, 22.5699**.

A 20% lighter version of the original color is **51.6372, 42.6669, 89.5184**, and **9.9424, 6.8163, 22.6215** is the 20% darker color. If you saturate the color by 10%, you get **22.1117, 15.3630, 48.2547**, and if you desaturate by 10%, it is **29.2802, 24.6965, 49.6784**.

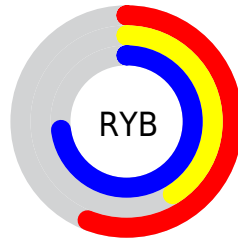
Distribution



Red (56%)

Green (41%)

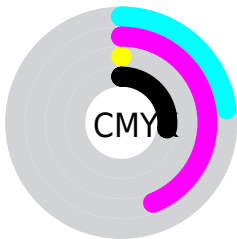
Blue (73%)



Red (56%)

Yellow (41%)

Blue (73%)

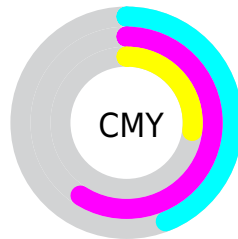


Cyan (23%)

Magenta (44%)

Yellow (0%)

Black (27%)



Cyan (44%)

Magenta (59%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4161, 19.5776, 48.8937 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 25.4161, 19.5776, 48.8937 by changing the saturation by 10% instead.

■ 25.4161, 19.5776,
48.8937

■ 25.4161, 19.5776,
48.8937

272.2134,
249.6192, 398.9341

■ 16.5177, 12.0884,
34.1702

■ 51.7695, 42.7079,
89.9129

■ 9.9844, 6.8039,
22.7459

■ 69.9552, 59.1177,
117.0457

■ 5.4508, 3.3398,
14.2025

■ 91.9675, 79.2698,
149.1519

■ 2.5516, 1.3116,
8.1213

■ 118.1715,
103.5487, 186.6501

■ 0.9213, 0.1501,
4.0838

148.9328,
132.3386, 229.9589

■ 0.0000, 0.0000,
1.6714

184.6166,

■ 0.0000, 0.0000,

166.0241, 279.4968

0.3410

225.5884,
204.9895, 335.6824

■ 0.0000, 0.0000,
0.0000

■ 25.4161, 19.5776,
48.8937

■ 25.4161, 19.5776,
48.8937

■ 22.1117, 15.3630,
48.2547

■ 29.2802, 24.6965,
49.6784

■ 19.3339, 11.9940,
47.7508

■ 33.7301, 30.7689,
50.6160

■ 17.0491, 9.4083,
47.3722

■ 38.7927, 37.8430,
51.7146

■ 15.2184, 7.5336,
47.1068

■ 44.4926, 45.9630,
52.9815

■ 13.7953, 6.2831,
46.9404

■ 50.8528, 55.1705,
54.4235

■ 13.0365, 5.6967,
46.8672

■ 57.8952, 65.5047,
56.0470

■ 65.6407, 77.0030,
57.8582

■ 74.1091, 89.7008,
59.8628

■ 77.5140, 92.0211,
60.1312

Harmonies

Analogous

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



20.3981, 19.5776, 60.1366



25.4161, 19.5776, 48.8937



28.9408, 19.5776, 31.5135

Triad

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



25.4161, 19.5776, 48.8937



21.8920, 19.5776, 4.6848



10.8256, 19.5776, 26.6839

Complementary

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



25.4161, 19.5776, 48.8937



32.1418, 42.3412, 19.8439

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.



11.0838, 19.5776, 13.5974



25.4161, 19.5776, 48.8937



16.9257, 19.5776, 4.3117

Square

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



25.4161, 19.5776, 48.8937



26.6728, 19.5776, 8.1633



13.1390, 19.5776, 6.7383



12.3585, 19.5776, 44.0591

Rectangle

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



25.4161, 19.5776, 48.8937



29.6567, 19.5776, 21.0091



13.1390, 19.5776, 6.7383



10.7135, 19.5776, 21.6273

Sweetspot

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



25.4168, 19.5784, 48.8941



70.6378, 69.0499, 93.8064



25.3106, 27.7917, 50.4851



15.0830, 14.5399, 20.5541



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.4168, 19.5784, 48.8941



40.4585, 28.3205, 87.5354



33.5149, 23.7531, 49.2731



8.9215, 8.9259, 11.3321



8.8562, 3.8767, 31.5346



0.3837, 0.1735, 1.1150

Inverse Universe

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



30.5683, 22.6495, 30.3649



51.3835, 34.8377, 48.0541



26.2572, 39.3076, 19.5685



9.1938, 9.0879, 10.3680



15.0957, 7.6120, 8.3905



0.5633, 0.2808, 0.4596

Previews

White Background



This preview shows how the XYZ color 25.4161, 19.5776, 48.8937 looks on a white background.

Color Contrast Check

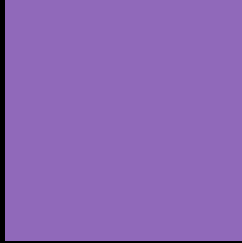
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4161, 19.5776, 48.8937 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 25.4161, 19.5776, 48.8937

Background



This preview shows how black text looks on a background with the XYZ color 25.4161, 19.5776, 48.8937.



This preview shows how white text looks on a background with the XYZ color 25.4161, 19.5776,

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

25.4161, 19.5776, 48.8937

Protanopia

21.3397, 19.7806, 56.7261

Deuteranopia

20.3306, 19.8248, 47.5548



Tritanopia

20.1407, 19.5575, 22.7921

Trichromacy



Original Color

25.4161, 19.5776, 48.8937

Protanomaly

22.2987, 19.4715, 53.6220

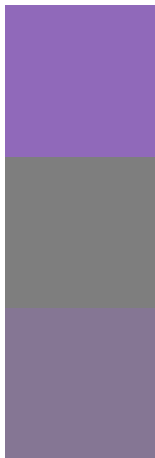
Deuteranomaly

21.7072, 19.4622, 47.9599

Tritanomaly

21.7317, 19.3516, 30.6068

Monochromacy



Original Color

25.4161, 19.5776, 48.8937

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.4966, 20.0815, 30.7601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4161, 19.5776, 48.8937 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(144, 105, 186)` looks like.

```
.text, #text, p{  
    color:rgb(144, 105, 186)  
}
```

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(144, 105, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 105, 186) }
```

Border

The CSS property to change the border of an element to XYZ 25.4161, 19.5776, 48.8937 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(144, 105, 186) }
```


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

```
.border{ border-color:rgb(144, 105, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 105, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 105, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 105, 186);  
box-shadow:4px 4px 4px 4px rgb(144, 105,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4161, 19.5776, 48.8937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 105, 186) }
```

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

```
.background{ background-color: rgb(144,  
105, 186) }
```

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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