

Converting Colors

XYZ(25.1253, 19.8371, 47.0623)

Have a look what the booklet for
XYZ(25.1253, 19.8371, 47.0623)
contains.

XYZ(25.1326, 19.7739, 47.2919)	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(25.1326, 19.7739,
47.2919)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6BB7
RGB	143, 107, 183
RGB Percent	56%, 42%, 72%
CMY	0.4392, 0.5804, 0.2824
CMYK	0.22, 0.42, 0.00, 0.28
HSL	268°, 35%, 57%
HSV	268°, 42%, 72%
XYZ	25.1326, 19.7739, 47.2919
YIQ	126.4280, -2.9400, 31.2680

Conversions

Conversions Part 2

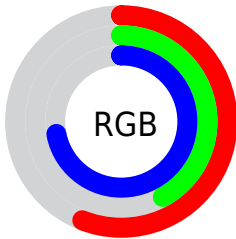
Format	Color
R_{YB}	143, 107, 183
Decimal	9399223
CIE _{Lab}	51.58, 29.63, -34.94
CIE _{LCh}	52, 45.815, 310.294
Yxy	19.7739, 0.2726, 0.2145
Android (android.graphics.Color)	4287589303 (0xFF8F6BB7)
YUV	126.4280, 27.8900, 14.5336
Hunter-Lab	44.4679, 23.0669, -31.9279

Details

The XYZ color **25.1326, 19.7739, 47.2919** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **31.6205, 41.1320, 20.1834**, and the grayscale version is **19.8861, 20.9218, 22.7838**.

A 20% lighter version of the original color is **51.2668, 43.0340, 87.2657**, and **9.9076, 6.9638, 21.9410** is the 20% darker color. If you saturate the color by 10%, you get **21.8264, 15.5310, 46.6475**, and if you desaturate by 10%, it is **28.9871, 24.8996, 48.0784**.

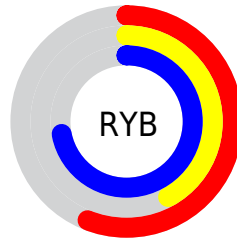
Distribution



Red (56%)

Green (42%)

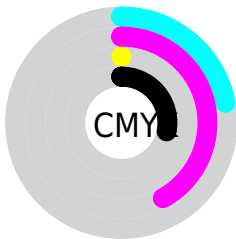
Blue (72%)



Red (56%)

Yellow (42%)

Blue (72%)

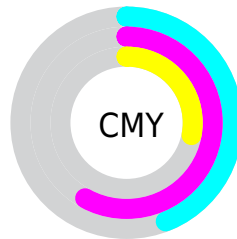


Cyan (22%)

Magenta (42%)

Yellow (0%)

Black (28%)



Cyan (44%)

Magenta (58%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1326, 19.7739, 47.2919 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 25.1326, 19.7739, 47.2919 by changing the saturation by 10% instead.

■ 25.1326, 19.7739,
47.2919

■ 25.1326, 19.7739,
47.2919

270.8331,
250.6885, 392.4059

■ 16.3051, 12.2308,
32.9105

■ 51.3136, 43.0378,
87.5037

■ 9.8325, 6.9011,
21.7873

■ 69.3978, 59.5274,
114.1712

■ 5.3495, 3.4003,
13.5039

■ 91.2984, 79.7679,
145.7711

■ 2.4906, 1.3441,
7.6416

■ 117.3806,
104.1437, 182.7219

■ 0.8905, 0.1750,
3.7820

148.0098,
133.0393, 225.4423

■ 0.0000, 0.0000,
1.5066

183.5514,

■ 0.0000, 0.0000,

166.8391, 274.3508

0.2228

224.3707,
205.9273, 329.8658

■ 0.0000, 0.0000,
0.0000

■ 25.1326, 19.7739,
47.2919

■ 25.1326, 19.7739,
47.2919

■ 21.8264, 15.5310,
46.6475

■ 28.9871, 24.8996,
48.0784

■ 19.0372, 12.1154,
46.1353

■ 33.4147, 30.9545,
49.0138

■ 16.7333, 9.4687,
45.7458

■ 38.4411, 37.9844,
50.1058

■ 14.8780, 7.5233,
45.4681

■ 44.0897, 46.0312,
51.3613

■ 13.4284, 6.1995,
45.2890

■ 50.3827, 55.1346,
52.7867

■ 12.4484, 5.4300,
45.1921

■ 57.3408, 65.3318,
54.3882

■ 64.9841, 76.6585,
56.1717

■ 73.3318, 89.1485,
58.1425

■ 76.8398, 91.7100,
58.4520

Harmonies

Analogous

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



20.4242, 19.7739, 57.4324



25.1326, 19.7739, 47.2919



28.4403, 19.7739, 31.2796

Triad

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



25.1326, 19.7739, 47.2919



21.9461, 19.7739, 5.3793



11.3499, 19.7739, 26.3953

Complementary

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



25.1326, 19.7739, 47.2919



31.6205, 41.1320, 20.1834

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.



11.6211, 19.7739, 14.0520



25.1326, 19.7739, 47.2919



17.2539, 19.7739, 4.9627

Square

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



25.1326, 19.7739, 47.2919



26.4022, 19.7739, 8.9283



13.6231, 19.7739, 7.3880



12.8096, 19.7739, 42.4856

Rectangle

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



25.1326, 19.7739, 47.2919



29.1301, 19.7739, 21.4003



13.6231, 19.7739, 7.3880



11.2483, 19.7739, 21.6611

Sweetspot

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



25.1333, 19.7747, 47.2923



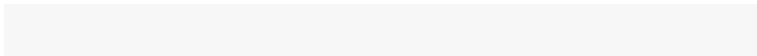
68.2099, 67.1299, 89.5980



25.1282, 27.5791, 48.7990



14.7963, 14.4478, 19.7305



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.



25.1333, 19.7747, 47.2923



39.4758, 28.3001, 83.6176



32.7367, 23.6944, 47.6482



8.9148, 8.9225, 11.3318



8.7623, 3.8283, 31.5302



0.3804, 0.1718, 1.1149

Inverse Universe

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



30.0532, 22.6900, 30.4000



49.8602, 34.4586, 47.7300



25.9604, 38.2142, 19.9185



9.1968, 9.0891, 10.3835



15.1414, 7.6303, 8.6311



0.5648, 0.2814, 0.4677

Previews

White Background



This preview shows how the XYZ color 25.1326, 19.7739, 47.2919 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 25.1326, 19.7739, 47.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

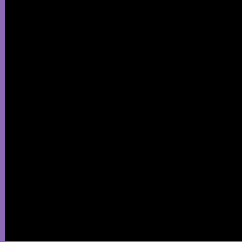
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1326, 19.7739, 47.2919

Background



This preview shows how black text looks on a background with the XYZ color 25.1326, 19.7739, 47.2919.

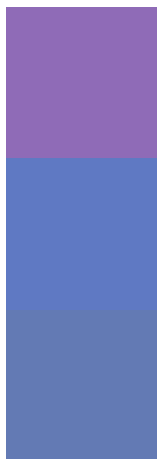


This preview shows how white text looks on a background with the XYZ color 25.1326, 19.7739,

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

25.1326, 19.7739, 47.2919

Protanopia

21.4070, 20.0478, 54.3711

Deuteranopia

20.3433, 19.8670, 45.9425



Tritanopia

20.3246, 19.8205, 23.1766

Trichromacy



Original Color

25.1326, 19.7739, 47.2919

Protanomaly

22.3315, 19.6971, 51.9151

Deuteranomaly

21.7720, 19.7036, 46.3717

Tritanomaly

21.7926, 19.7180, 30.6743

Monochromacy



Original Color

25.1326, 19.7739, 47.2919

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.3790, 20.2058, 30.3771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1326, 19.7739, 47.2919 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(143, 107, 183)` looks like.

```
.text, #text, p{  
    color:rgb(143, 107, 183)  
}
```

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(143, 107, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 107, 183) }
```

Border

The CSS property to change the border of an element to XYZ 25.1326, 19.7739, 47.2919 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(143, 107, 183) }
```


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

```
.border{ border-color:rgb(143, 107, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 107, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 107, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 107, 183);  
box-shadow:4px 4px 4px 4px rgb(143, 107,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1326, 19.7739, 47.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 107, 183) }
```

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

```
.background{ background-color: rgb(143,  
107, 183) }
```

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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