

Converting Colors

XYZ(25.8090, 19.4525, 40.3043)

Have a look what the booklet for
XYZ(25.8090, 19.4525, 40.3043)
contains.

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Color

**XYZ(25.9117, 19.5731,
40.4425)**

Conversions

Conversions Part 1

Format	Color
Hex	9D66AA
RGB	157, 102, 170
RGB Percent	62%, 40%, 67%
CMY	0.3843, 0.6000, 0.3333
CMYK	0.08, 0.40, 0.00, 0.33
HSL	289°, 29%, 53%
HSV	289°, 40%, 67%
XYZ	25.9117, 19.5731, 40.4425
YIQ	126.1970, 10.9520, 32.8080

Conversions

Conversions Part 2

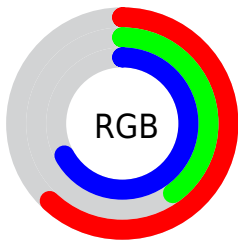
Format	Color
R _{YB}	157, 102, 170
Decimal	10315434
CIE _{Lab}	51.35, 33.90, -27.64
CIE _{LCh}	51, 43.743, 320.805
Y _{xy}	19.5731, 0.3016, 0.2278
Android (android.graphics.Color)	4288505514 (0xFF9D66AA)
YUV	126.1970, 21.5949, 27.0142
Hunter-Lab	44.2415, 27.1226, -23.2297

Details

The XYZ color **25.9117, 19.5731, 40.4425** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.8438, 33.3541, 17.7525**, and the grayscale version is **19.8250, 20.8574, 22.7137**.

A 20% lighter version of the original color is **52.7236, 42.7483, 77.4239**, and **10.2520, 6.7973, 17.9112** is the 20% darker color. If you saturate the color by 10%, you get **23.7837, 16.2455, 39.9127**, and if you desaturate by 10%, it is **28.4005, 23.5963, 41.0882**.

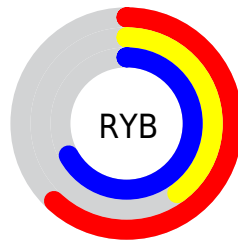
Distribution



Red (62%)

Green (40%)

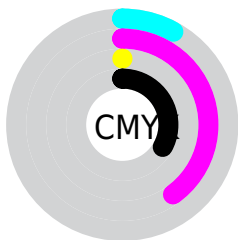
Blue (67%)



Red (62%)

Yellow (40%)

Blue (67%)

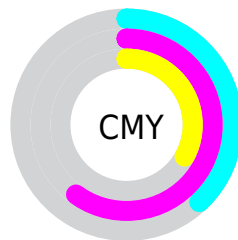


Cyan (8%)

Magenta (40%)

Yellow (0%)

Black (33%)



Cyan (38%)

Magenta (60%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9117, 19.5731, 40.4425 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 25.9117, 19.5731, 40.4425 by changing the saturation by 10% instead.

■ 25.9117, 19.5731,
40.4425

■ 25.9117, 19.5731,
40.4425

274.6130,
249.5946, 363.5925

■ 16.8899, 12.0851,
27.5673

■ 52.5648, 42.7003,
77.0813

■ 10.2509, 6.8017,
17.7636

■ 70.9268, 59.1083,
101.6820

■ 5.6291, 3.3384,
10.6127

■ 93.1329, 79.2584,
131.0283

■ 2.6594, 1.3108,
5.6962

■ 119.5486,
103.5350, 165.5387

■ 0.9763, 0.1496,
2.5954

150.5390,
132.3226, 205.6318

■ 0.0000, 0.0000,
0.8901

186.4697,

■ 0.0000, 0.0000,

166.0054, 251.7261

0.0000

227.7059,
204.9679, 304.2402

■ 25.9117, 19.5731,
40.4425

■ 25.9117, 19.5731,
40.4425

■ 23.7837, 16.2455,
39.9127

■ 28.4005, 23.5963,
41.0882

■ 21.9933, 13.5687,
39.4903

■ 31.2675, 28.3511,
41.8548

■ 20.5175, 11.4966,
39.1682

■ 34.5314, 33.8743,
42.7489

■ 19.3298, 9.9760,
38.9373

■ 38.2090, 40.1993,
43.7759

■ 18.3986, 8.9443,
38.7872

■ 42.3160, 47.3574,
44.9411

■ 17.6548, 8.2633,
38.6950

■ 46.8675, 55.3784,
46.2494

■ 17.6547, 8.2631,
38.6949

■ 51.8776, 64.2906,
47.7056

■ 57.3600, 74.1210,
49.3141

■ 63.3264, 84.8928,
51.0788

Harmonies

Analogous

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



21.7534, 19.5731, 52.6836



25.9117, 19.5731, 40.4425



28.2010, 19.5731, 25.3964

Triad

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



25.9117, 19.5731, 40.4425



19.9800, 19.5731, 5.2820



11.7978, 19.5731, 31.0620

Complementary

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



25.9117, 19.5731, 40.4425



23.8438, 33.3541, 17.7525

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.



11.4758, 19.5731, 17.6904



25.9117, 19.5731, 40.4425



15.7737, 19.5731, 5.7954

Square

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



25.9117, 19.5731, 40.4425



24.4401, 19.5731, 7.5654



12.8177, 19.5731, 9.4274



13.7792, 19.5731, 45.9564

Rectangle

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



25.9117, 19.5731, 40.4425



28.1469, 19.5731, 17.1080



12.8177, 19.5731, 9.4274



11.5056, 19.5731, 26.1533

Sweetspot

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



25.9124, 19.5739, 40.4429



61.2751, 59.1134, 77.1824



18.9353, 18.1267, 40.5313



13.4946, 12.8938, 17.1652



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.9124, 19.5739, 40.4429



43.5568, 30.0960, 72.5153



26.8024, 20.2387, 31.1800



7.6993, 7.5931, 9.4782



13.0313, 6.1013, 28.4663



0.3522, 0.1666, 0.6942

Inverse Universe

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



24.4240, 19.2874, 18.6559



40.6744, 29.6197, 26.7616



23.3926, 32.9898, 23.6781



7.5875, 7.5649, 8.1452



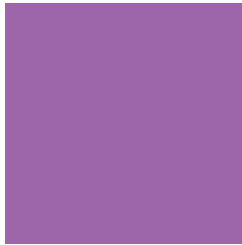
12.4076, 6.3717, 1.6918



0.3181, 0.1615, 0.1264

Previews

White Background



This preview shows how the XYZ color 25.9117, 19.5731, 40.4425 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 25.9117, 19.5731, 40.4425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

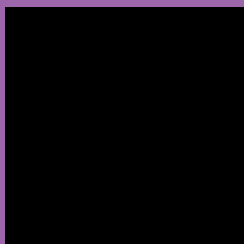
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9117, 19.5731, 40.4425

Background



This preview shows how black text looks on a background with the XYZ color 25.9117, 19.5731, 40.4425.



This preview shows how white text looks on a background with the XYZ color 25.9117, 19.5731,

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

25.9117, 19.5731, 40.4425

Protanopia

20.8499, 19.8869, 48.6386

Deuteranopia

20.1507, 19.7429, 38.8251



Tritanopia

21.8230, 19.4528, 20.6937

Trichromacy



Original Color

25.9117, 19.5731, 40.4425

Protanomaly

22.1407, 19.3949, 45.7567

Deuteranomaly

21.7448, 19.3367, 39.1455

Tritanomaly

23.1596, 19.3615, 26.9426

Monochromacy



Original Color

25.9117, 19.5731, 40.4425

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.5603, 19.9939, 28.3141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9117, 19.5731, 40.4425 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(157, 102, 170)` looks like.

```
.text, #text, p{  
    color:rgb(157, 102, 170)  
}
```

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(157, 102, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 102, 170) }
```

Border

The CSS property to change the border of an element to XYZ 25.9117, 19.5731, 40.4425 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(157, 102, 170) }
```


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

```
.border{ border-color:rgb(157, 102, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 102, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 102, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 102, 170);  
box-shadow:4px 4px 4px 4px rgb(157, 102,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9117, 19.5731, 40.4425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 102, 170) }
```

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

```
.background{ background-color: rgb(157,  
102, 170) }
```

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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