

Converting Colors

XYZ(24.9904, 20.1763, 35.1175)

Have a look what the booklet for
XYZ(24.9904, 20.1763, 35.1175)
contains.

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Color

**XYZ(24.8605, 20.0638,
34.9102)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6C9E
RGB	154, 108, 158
RGB Percent	60%, 42%, 62%
CMY	0.3961, 0.5765, 0.3804
CMYK	0.03, 0.32, 0.00, 0.38
HSL	295°, 20%, 52%
HSV	295°, 32%, 62%
XYZ	24.8605, 20.0638, 34.9102
YIQ	127.4540, 11.3660, 25.3020

Conversions

Conversions Part 2

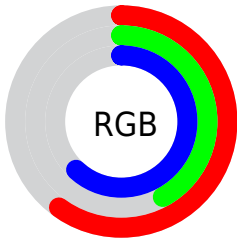
Format	Color
RYB	154, 108, 158
Decimal	10120350
CIELab	51.91, 27.05, -19.80
CIELCh	52, 33.523, 323.794
Yxy	20.0638, 0.3114, 0.2513
Android (android.graphics.Color)	4288310430 (0xFF9A6C9E)
YUV	127.4540, 15.0592, 23.2808
Hunter-Lab	44.7926, 20.6827, -14.8542

Details

The XYZ color **24.8605, 20.0638, 34.9102** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.6166, 28.9818, 18.6432**, and the grayscale version is **20.2766, 21.3325, 23.2311**.

A 20% lighter version of the original color is **50.8755, 43.5010, 68.6659**, and **9.6450, 6.9933, 14.4772** is the 20% darker color. If you saturate the color by 10%, you get **23.1036, 16.9050, 34.3934**, and if you desaturate by 10%, it is **26.9232, 23.8296, 35.5287**.

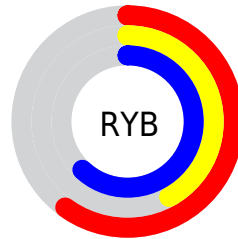
Distribution



Red (60%)

Green (42%)

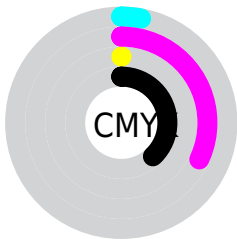
Blue (62%)



Red (60%)

Yellow (42%)

Blue (62%)

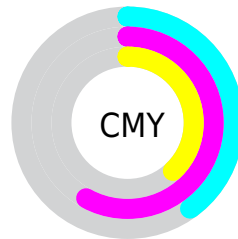


Cyan (3%)

Magenta (32%)

Yellow (0%)

Black (38%)



Cyan (40%)


Magenta (58%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.8605, 20.0638, 34.9102 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 24.8605, 20.0638, 34.9102 by changing the saturation by 10% instead.


 24.8605, 20.0638,
34.9102


 24.8605, 20.0638,
34.9102

269.5030,
252.2603, 339.0640

 16.1013, 12.4414,
23.3107


 50.8753, 43.5241,
68.4966


 9.6872, 7.0451,
14.6156


 68.8617, 60.1309,
91.3206

 5.2527, 3.4903,
8.4065


 90.6546, 80.5012,
118.7232

 2.4326, 1.3927,
4.2646

 116.6192,
105.0195, 151.1230

 0.8614, 0.2114,
1.7716

147.1210,
134.0701, 188.9384

 0.0000, 0.0000,
0.4091

182.5254,

 0.0000, 0.0000,

168.0376, 232.5880

0.0000

223.1976,
207.3062, 282.4903

■ 24.8605, 20.0638,
34.9102

■ 24.8605, 20.0638,
34.9102

■ 23.1036, 16.9050,
34.3934

■ 26.9232, 23.8296,
35.5287

■ 21.6343, 14.3179,
33.9715

■ 29.3048, 28.2301,
36.2525

■ 20.4353, 12.2678,
33.6389

■ 32.0202, 33.2942,
37.0869

■ 19.4868, 10.7148,
33.3892

■ 35.0825, 39.0484,
38.0361

■ 18.7660, 9.6137,
33.2146

■ 38.5043, 45.5178,
39.1045

■ 18.2463, 8.9109,
33.1064

■ 42.2975, 52.7262,
40.2959

■ 17.9122, 8.5211,
33.0488

■ 46.4735, 60.6961,
41.6142

■ 51.0430, 69.4494,
43.0629

■ 56.0165, 79.0069,
44.6456

Harmonies

Analogous

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



21.8375, 20.0638, 43.9064



24.8605, 20.0638, 34.9102



26.3534, 20.0638, 23.9379

Triad

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



24.8605, 20.0638, 34.9102



19.7871, 20.0638, 7.9975



13.6812, 20.0638, 30.3249

Complementary

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



24.8605, 20.0638, 34.9102



21.6166, 28.9818, 18.6432

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.



13.2699, 20.0638, 19.8798



24.8605, 20.0638, 34.9102



16.5469, 20.0638, 8.7818

Square

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



24.8605, 20.0638, 34.9102



23.2079, 20.0638, 9.9336



14.2567, 20.0638, 12.5310



15.4558, 20.0638, 40.7546

Rectangle

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



24.8605, 20.0638, 34.9102



26.1670, 20.0638, 17.6704



14.2567, 20.0638, 12.5310



13.3885, 20.0638, 26.6326

Sweetspot

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



24.8611, 20.0647, 34.9106



54.3765, 53.4206, 66.1887



18.1694, 17.2830, 34.7264



12.1115, 11.7690, 14.8770



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.8611, 20.0647, 34.9106



42.8264, 32.2539, 62.7119



23.9911, 19.8061, 26.2889



6.8518, 6.7276, 8.3441



14.3611, 6.8324, 26.4691



0.2707, 0.1293, 0.4739

Inverse Universe

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



22.3885, 19.1650, 17.8496



37.6606, 30.3857, 26.5591



22.3633, 29.2230, 25.1737



6.6535, 6.6543, 7.0266



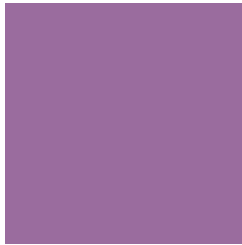
11.3560, 5.8470, 0.8597



0.2086, 0.1068, 0.0448

Previews

White Background



This preview shows how the XYZ color 24.8605, 20.0638, 34.9102 looks on a white background.

Color Contrast Check

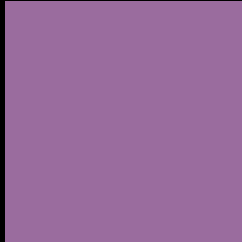
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8605, 20.0638, 34.9102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

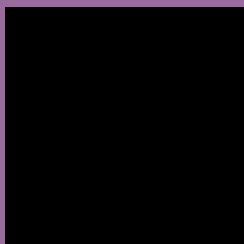
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.8605, 20.0638, 34.9102

Background



This preview shows how black text looks on a background with the XYZ color 24.8605, 20.0638, 34.9102.



This preview shows how white text looks on a background with the XYZ color 24.8605, 20.0638,

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

24.8605, 20.0638, 34.9102

Protanopia

20.6765, 20.1631, 40.3382

Deuteranopia

20.6217, 20.2787, 33.8376



Tritanopia

22.1633, 20.1063, 21.7815

Trichromacy



Original Color

24.8605, 20.0638, 34.9102

Protanomaly

21.9052, 19.9512, 38.2938

Deuteranomaly

21.8778, 20.0284, 34.1653

Tritanomaly

23.0006, 19.9452, 25.9301

Monochromacy



Original Color

24.8605, 20.0638, 34.9102

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.6204, 20.5863, 26.8788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8605, 20.0638, 34.9102 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(154, 108, 158)` looks like.

```
.text, #text, p{  
    color:rgb(154, 108, 158)  
}
```

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(154, 108, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 108, 158) }
```

Border

The CSS property to change the border of an element to XYZ 24.8605, 20.0638, 34.9102 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(154, 108, 158) }
```


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

```
.border{ border-color:rgb(154, 108, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 108, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 108, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 108, 158);  
box-shadow:4px 4px 4px 4px rgb(154, 108,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8605, 20.0638, 34.9102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 108, 158) }
```

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

```
.background{ background-color: rgb(154,  
108, 158) }
```

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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