

Converting Colors

XYZ(30.8978, 25.0737, 60.3382)

Have a look what the booklet for
XYZ(30.8978, 25.0737, 60.3382)
contains.

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Color

**XYZ(30.8075, 24.9541,
60.3196)**

Conversions

Conversions Part 1

Format	Color
Hex	987ACC
RGB	152, 122, 204
RGB Percent	60%, 48%, 80%
CMY	0.4039, 0.5216, 0.2000
CMYK	0.25, 0.40, 0.00, 0.20
HSL	262°, 45%, 64%
HSV	262°, 40%, 80%
XYZ	30.8075, 24.9541, 60.3196
YIQ	140.3180, -8.4420, 31.8620

Conversions

Conversions Part 2

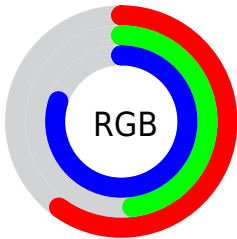
Format	Color
R_{YB}	152, 122, 204
Decimal	9992908
CIE _{Lab}	57.03, 28.67, -38.34
CIE _{LCh}	57, 47.879, 306.788
Yxy	24.9541, 0.2654, 0.2150
Android (android.graphics.Color)	4288182988 (0xFF987ACC)
YUV	140.3180, 31.3952, 10.2451
Hunter-Lab	49.9541, 22.6642, -36.6249

Details

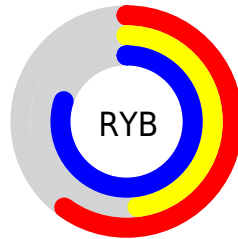
The XYZ color **30.8075, 24.9541, 60.3196** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **42.5618, 53.5900, 26.5140**, and the grayscale version is **24.9357, 26.2343, 28.5691**.

A 20% lighter version of the original color is **59.3924, 51.2898, 101.3774**, and **12.9529, 9.5877, 29.6017** is the 20% darker color. If you saturate the color by 10%, you get **26.2701, 19.2792, 59.4638**, and if you desaturate by 10%, it is **36.1366, 31.8186, 61.3641**.

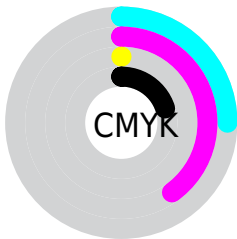
Distribution



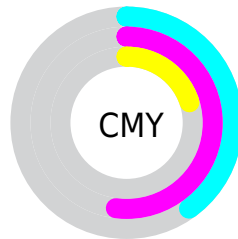
- Red (60%)
- Green (48%)
- Blue (80%)



- Red (60%)
- Yellow (48%)
- Blue (80%)



- Cyan (25%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (52%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8075, 24.9541, 60.3196 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 30.8075, 24.9541, 60.3196 by changing the saturation by 10% instead.

■ 30.8075, 24.9541,
60.3196

■ 30.8075, 24.9541,
60.3196

297.4932,
277.6093, 443.6121

■ 20.6034, 16.0429,
43.2493

■ 60.3148, 51.5828,
106.8411

■ 12.9452, 9.5545,
29.7479

■ 80.3487, 70.0690,
137.1293

■ 7.4676, 5.1046,
19.3969

■ 104.3899, 92.5156,
172.6606

■ 3.8051, 2.3088,
11.7777

132.8038,
119.3071, 213.8535

■ 1.5925, 0.7783,
6.4718

165.9557,
150.8278, 261.1266

■ 0.3875, 0.0000,
3.0606

204.2110,

■ 0.0000, 0.0000,

187.4621, 314.8984

1.1257

247.9351,
229.5945, 375.5874

■ 0.0000, 0.0000,
0.0000

■ 30.8075, 24.9541,
60.3196

■ 30.8075, 24.9541,
60.3196

■ 26.2701, 19.2792,
59.4638

■ 36.1366, 31.8186,
61.3641

■ 22.4800, 14.7202,
58.7836

■ 42.2929, 39.9344,
62.6062

■ 19.3923, 11.1996,
58.2668

■ 49.3132, 49.3625,
64.0560

■ 16.9555, 8.6285,
57.8990

■ 57.2308, 60.1588,
65.7226

■ 15.1098, 6.9017,
57.6629

■ 66.0774, 72.3762,
67.6145

■ 13.7724, 5.8409,
57.5287

■ 75.8831, 86.0645,
69.7398

■ 83.4690, 94.8558,
71.0369

■ 87.8992, 97.1397,
71.2442

Harmonies

Analogous

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



25.0204, 24.9541, 71.0321



30.8075, 24.9541, 60.3196



35.1198, 24.9541, 41.3092

Triad

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



30.8075, 24.9541, 60.3196



28.2445, 24.9541, 7.4801



14.5129, 24.9541, 31.0013

Complementary

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



30.8075, 24.9541, 60.3196



42.5618, 53.5900, 26.5140

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.



15.0973, 24.9541, 16.6940



30.8075, 24.9541, 60.3196



22.4618, 24.9541, 6.5516

Square

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



30.8075, 24.9541, 60.3196



33.4840, 24.9541, 12.5152



17.8094, 24.9541, 9.1400



16.0637, 24.9541, 50.2797

Rectangle

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



30.8075, 24.9541, 60.3196



36.2476, 24.9541, 28.9447



17.8094, 24.9541, 9.1400



14.4705, 24.9541, 25.4708

Sweetspot

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



30.8084, 24.9551, 60.3202



79.2711, 78.5102, 105.5837



34.3143, 39.2749, 62.8994



16.6282, 16.3472, 22.5289



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.8084, 24.9551, 60.3202



44.6013, 33.2777, 98.6802



39.5216, 29.4469, 60.7279



10.9829, 11.0405, 14.1225



8.7625, 3.7248, 36.2134



0.5349, 0.2349, 1.8721

Inverse Universe

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



39.5020, 29.8133, 43.7175



61.2330, 42.5898, 66.1092



34.9859, 49.6845, 26.1594



11.5066, 11.3314, 13.2025



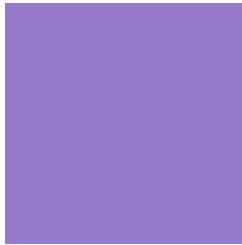
18.2289, 9.1022, 14.1901



0.9761, 0.4839, 0.9201

Previews

White Background



This preview shows how the XYZ color 30.8075, 24.9541, 60.3196 looks on a white background.

Color Contrast Check

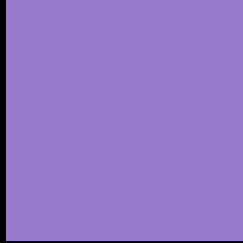
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.8075, 24.9541, 60.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

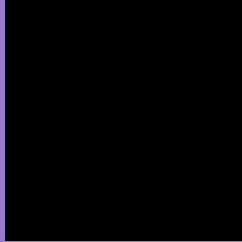
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.8075, 24.9541, 60.3196

Background



This preview shows how black text looks on a background with the XYZ color 30.8075, 24.9541, 60.3196.



This preview shows how white text looks on a background with the XYZ color 30.8075, 24.9541,

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

30.8075, 24.9541, 60.3196

Protanopia

26.8542, 25.0823, 67.7160

Deuteranopia

25.7772, 25.1404, 58.7523



Tritanopia

24.7593, 25.0350, 30.3153

Trichromacy



Original Color

30.8075, 24.9541, 60.3196

Protanomaly

27.9089, 24.8794, 64.9593

Deuteranomaly

27.2344, 24.8568, 59.2396

Tritanomaly

26.5426, 24.7382, 39.4524

Monochromacy



Original Color

30.8075, 24.9541, 60.3196

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.5000, 25.3487, 38.1464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8075, 24.9541, 60.3196 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(152, 122, 204)` looks like.

```
.text, #text, p{  
    color:rgb(152, 122, 204)  
}
```

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(152, 122, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 122, 204) }
```

Border

The CSS property to change the border of an element to XYZ 30.8075, 24.9541, 60.3196 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(152, 122, 204) }
```


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

```
.border{ border-color:rgb(152, 122, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 122, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 122, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 122, 204);  
box-shadow:4px 4px 4px 4px rgb(152, 122,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8075, 24.9541, 60.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 122, 204) }
```

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

```
.background{ background-color: rgb(152,  
122, 204) }
```

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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