

Converting Colors

XYZ(35.4261, 24.4599, 65.4314)

Have a look what the booklet for
XYZ(35.4261, 24.4599, 65.4314)
contains.

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Color

**XYZ(35.3978, 24.5265,
65.1558)**

Conversions

Conversions Part 1

Format	Color
Hex	B26AD4
RGB	178, 106, 212
RGB Percent	70%, 42%, 83%
CMY	0.3020, 0.5843, 0.1686
CMYK	0.16, 0.50, 0.00, 0.17
HSL	281°, 55%, 62%
HSV	281°, 50%, 83%
XYZ	35.3978, 24.5265, 65.1558
YIQ	139.6120, 8.8860, 48.2300

Conversions

Conversions Part 2

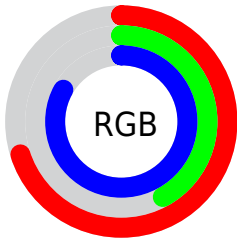
Format	Color
R_{YB}	178, 106, 212
Decimal	11692756
CIE _{Lab}	56.61, 46.76, -43.35
CIE _{LCh}	57, 63.757, 317.168
Yxy	24.5265, 0.2830, 0.1961
Android (android.graphics.Color)	4289882836 (0xFFB26AD4)
YUV	139.6120, 35.6873, 33.6663
Hunter-Lab	49.5242, 40.9167, -43.3370

Details

The XYZ color **35.3978, 24.5265, 65.1558** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **36.9609, 53.7036, 22.0544**, and the grayscale version is **24.6415, 25.9248, 28.2321**.

A 20% lighter version of the original color is **65.0402, 49.8491, 100.8016**, and **15.6204, 9.3777, 32.8851** is the 20% darker color. If you saturate the color by 10%, you get **31.9555, 19.9002, 64.4447**, and if you desaturate by 10%, it is **39.4593, 30.2746, 66.0516**.

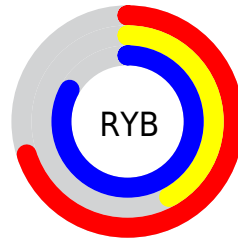
Distribution



Red (70%)

Green (42%)

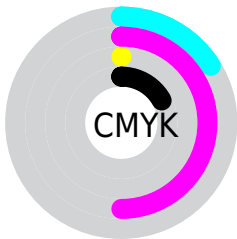
Blue (83%)



Red (70%)

Yellow (42%)

Blue (83%)

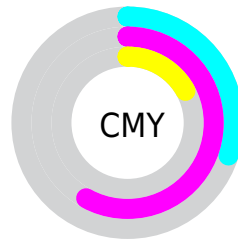


Cyan (16%)

Magenta (50%)

Yellow (0%)

Black (17%)



Cyan (30%)


Magenta (58%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3978, 24.5265, 65.1558 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 35.3978, 24.5265, 65.1558 by changing the saturation by 10% instead.

 35.3978, 24.5265,
65.1558


 35.3978, 24.5265,
65.1558


317.7981,
275.4716, 461.6732


 24.1374, 15.7246,
47.1353


 67.4315, 50.8880,
113.8892

 15.5609, 9.3295,
32.7875


 88.9356, 69.2165,
145.4392

 9.3028, 4.9567,
21.6939


 114.5849, 91.4892,
182.3361

 4.9979, 2.2219,
13.4360

 144.7449,
118.0907, 224.9985

 2.2808, 0.7319,
7.5952

179.7808,
149.4053, 273.8448

 0.7848, 0.0000,
3.7530

220.0581,

 0.0000, 0.0000,

185.8174, 329.2937

1.4908

265.9421,
227.7113, 391.7636

■ 0.0000, 0.0000,
0.2111

■ 0.0000, 0.0000,
0.0000

■ 35.3978, 24.5265,
65.1558

■ 35.3978, 24.5265,
65.1558

■ 31.9555, 19.9002,
64.4447

■ 39.4593, 30.2746,
66.0516

■ 29.0879, 16.3111,
63.9030


■ 44.1746, 37.2147,
67.1427


■ 26.7485, 13.6670,
63.5160


■ 49.5791, 45.4150,
68.4407


■ 24.8815, 11.8578,
63.2652


■ 55.7043, 54.9374,
69.9558


 23.3858, 10.6831,
63.1173


 62.5800, 65.8397,
71.6978

 23.3856, 10.6829,
63.1172

 70.2342, 78.1761,
73.6755

 78.6931, 91.9982,
75.8976

 81.0529, 93.4966,
76.0625

 83.3084, 94.6593,
76.1680

Harmonies

Analogous

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



27.7748, 24.5265, 87.7327



35.3978, 24.5265, 65.1558



40.1440, 24.5265, 36.8303

Triad

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



35.3978, 24.5265, 65.1558



26.6210, 24.5265, 3.4077



12.1774, 24.5265, 40.6496

Complementary

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



35.3978, 24.5265, 65.1558



36.9609, 53.7036, 22.0544

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.



11.9974, 24.5265, 18.6299



35.3978, 24.5265, 65.1558



19.3543, 24.5265, 3.6142

Square

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



35.3978, 24.5265, 65.1558



34.4004, 24.5265, 6.5677



14.3471, 24.5265, 7.4623



14.9057, 24.5265, 69.1923

Rectangle

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



35.3978, 24.5265, 65.1558



40.4962, 24.5265, 21.9308



14.3471, 24.5265, 7.4623



11.8411, 24.5265, 32.1266

Sweetspot

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



35.3987, 24.5275, 65.1563



79.6680, 75.7238, 105.0250



27.4025, 26.9668, 66.0486



16.6343, 15.5601, 22.3766



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.



35.3987, 24.5275, 65.1563



48.2342, 29.8339, 97.8240



42.0812, 28.2160, 54.4644



12.5477, 12.4238, 15.6742



14.5455, 6.6510, 38.9703



0.9619, 0.4447, 2.3545

Inverse Universe

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



37.0397, 26.1994, 27.9165



51.5834, 32.9995, 32.9608



33.1051, 51.5986, 27.1741



12.5858, 12.4858, 13.7589



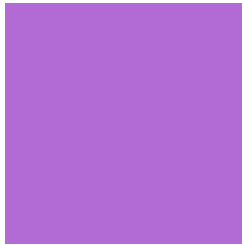
17.4467, 8.9150, 4.3906



1.0896, 0.5526, 0.4613

Previews

White Background



This preview shows how the XYZ color 35.3978, 24.5265, 65.1558 looks on a white background.

Color Contrast Check

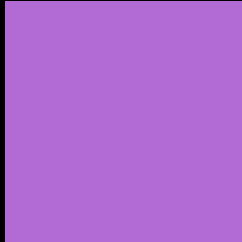
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3978, 24.5265, 65.1558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

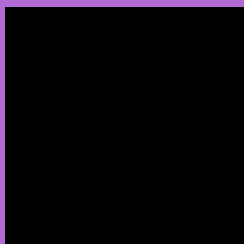
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3978, 24.5265, 65.1558

Background



This preview shows how black text looks on a background with the XYZ color 35.3978, 24.5265, 65.1558.

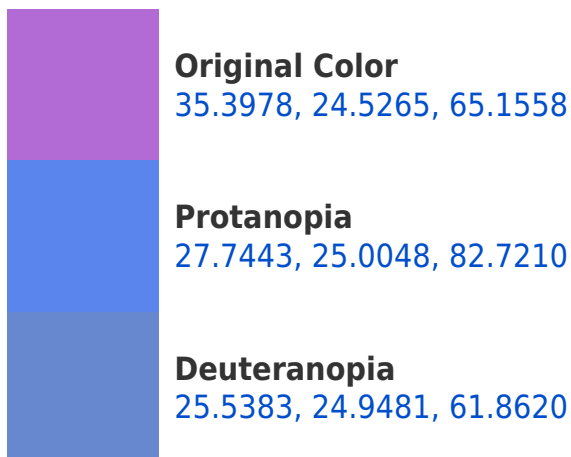


This preview shows how white text looks on a background with the XYZ color 35.3978, 24.5265,

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





Tritanopia

27.3626, 24.4955, 25.8402

Trichromacy



Original Color

35.3978, 24.5265, 65.1558

Protanomaly

28.9741, 23.8495, 75.7494

Deuteranomaly

27.9247, 23.9671, 62.8288

Tritanomaly

29.5776, 24.1115, 37.2775

Monochromacy



Original Color

35.3978, 24.5265, 65.1558

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.9285, 25.0615, 39.4418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3978, 24.5265, 65.1558 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(178, 106, 212)` looks like.

```
.text, #text, p{  
    color:rgb(178, 106, 212)  
}
```

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(178, 106, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 106, 212) }
```

Border

The CSS property to change the border of an element to XYZ 35.3978, 24.5265, 65.1558 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(178, 106, 212) }
```


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

```
.border{ border-color:rgb(178, 106, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 106, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 106, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 106, 212);  
box-shadow:4px 4px 4px 4px rgb(178, 106,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3978, 24.5265, 65.1558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 106, 212) }
```

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

```
.background{ background-color: rgb(178,  
106, 212) }
```

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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