

Converting Colors

XYZ(35.0539, 26.7828, 44.3964)

Have a look what the booklet for
XYZ(35.0539, 26.7828, 44.3964)
contains.

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Color

**XYZ(35.0539, 26.7828,
44.3964)**

Conversions

Conversions Part 1

Format	Color
Hex	BC76B0
RGB	188, 118, 176
RGB Percent	74%, 46%, 69%
CMY	0.2627, 0.5372, 0.3098
CMYK	0.00, 0.37, 0.06, 0.26
HSL	310°, 34%, 60%
HSV	310°, 37%, 74%
XYZ	35.0539, 26.7828, 44.3964
YIQ	145.5420, 23.1020, 32.8780

Conversions

Conversions Part 2

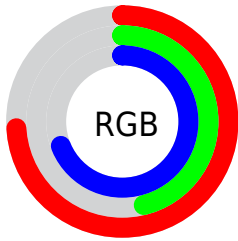
Format	Color
RYB	188, 118, 176
Decimal	12351152
CIELab	58.77, 36.27, -19.39
CIELCh	59, 41.126, 331.874
Yxy	26.7828, 0.3300, 0.2521
Android (android.graphics.Color)	4290541232 (0xFFBC76B0)
YUV	145.5420, 15.0158, 37.2357
Hunter-Lab	51.7521, 30.3395, -14.6364

Details

The XYZ color **35.0539, 26.7828, 44.3964** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.4848, 41.4305, 27.5635**, and the grayscale version is **27.0691, 28.4788, 31.0134**.

A 20% lighter version of the original color is **66.7846, 54.3645, 83.3174**, and **15.2552, 10.4309, 19.9482** is the 20% darker color. If you saturate the color by 10%, you get **32.7418, 22.6625, 42.0711**, and if you desaturate by 10%, it is **37.8165, 31.7910, 46.9097**.

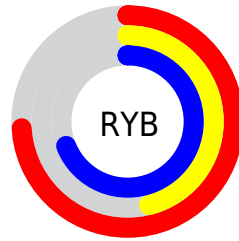
Distribution



Red (74%)

Green (46%)

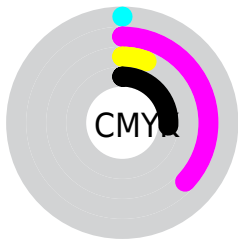
Blue (69%)



Red (74%)

Yellow (46%)

Blue (69%)

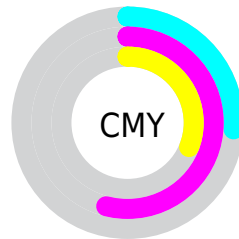


Cyan (0%)

Magenta (37%)

Yellow (6%)

Black (26%)



Cyan (26%)


Magenta (54%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0539, 26.7828, 44.3964 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 35.0539, 26.7828, 44.3964 by changing the saturation by 10% instead.


 35.0539, 26.7828,
44.3964

 35.0539, 26.7828,
44.3964


316.3100,
286.6039, 380.4120


 23.8711, 17.4102,
30.6428


 66.9027, 54.5351,
83.1227

 15.3623, 10.5274,
20.0708


 88.2995, 73.6836,
108.9325

 9.1620, 5.7500,
12.2619


 113.8316, 96.8595,
139.5981

 4.9049, 2.6937,
6.7976

143.8644,
124.4472, 175.5380

 2.2258, 0.9740,
3.2593

178.7633,
156.8311, 217.1709

 0.7563, 0.0000,
1.2285

218.8937,

 0.0000, 0.0000,

194.3956, 264.9151

0.0021

264.6208,
237.5251, 319.1893

■ 0.0000, 0.0000,
0.0000

■ 35.0539, 26.7828,
44.3964

■ 35.0539, 26.7828,
44.3964

■ 32.7418, 22.6625,
42.0711

■ 37.8165, 31.7910,
46.9097

■ 30.8512, 19.3736,
39.9232

■ 41.0512, 37.7318,
49.6178

■ 29.3538, 16.8592,
37.9432

■ 44.7815, 44.6513,
52.5289

■ 28.2166, 15.0533,
36.1198

■ 49.0282, 52.5915,
55.6503

■ 27.4011, 13.8790,
34.4400

■ 53.8112, 61.5918,
58.9888

■ 26.8527, 13.2272,
32.8853

■ 59.1493, 71.6896,
62.5509

■ 26.7206, 13.0840,
32.4678

■ 65.0602, 82.9207,
66.3428

■ 67.1345, 86.4656,
68.8949

■ 67.5196, 86.6196,
70.9233

Harmonies

Analogous

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



30.9566, 26.7828, 59.8631



35.0539, 26.7828, 44.3964



36.4910, 26.7828, 28.2588

Triad

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



35.0539, 26.7828, 44.3964



25.1389, 26.7828, 9.2164



18.0450, 26.7828, 46.5212

Complementary

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



35.0539, 26.7828, 44.3964



29.4848, 41.4305, 27.5635

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.



16.9058, 26.7828, 30.0840



35.0539, 26.7828, 44.3964



20.6494, 26.7828, 11.3022

Square

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



35.0539, 26.7828, 44.3964



30.3321, 26.7828, 10.8240



17.7929, 26.7828, 17.8846



21.1331, 26.7828, 61.3492

Rectangle

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



35.0539, 26.7828, 44.3964



35.6128, 26.7828, 19.9509



17.7929, 26.7828, 17.8846



17.4415, 26.7828, 40.8445

Sweetspot

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



35.0547, 26.7840, 44.3970



78.3801, 75.7552, 93.0722



24.7116, 21.3086, 50.3879



16.6576, 15.9239, 19.8608



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.0547, 26.7840, 44.3970



59.9160, 42.0905, 76.8564



32.0510, 25.5825, 28.5795



9.8578, 9.6674, 11.6403



18.2167, 8.9178, 22.2324



0.7324, 0.3569, 0.9701

Inverse Universe

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



35.0547, 26.7840, 44.3970



59.9160, 42.0905, 76.8564



32.2166, 42.5232, 41.9492



9.8578, 9.6674, 11.6403



18.2167, 8.9178, 22.2324



0.7324, 0.3569, 0.9701

Previews

White Background



This preview shows how the XYZ color 35.0539, 26.7828, 44.3964 looks on a white background.

Color Contrast Check

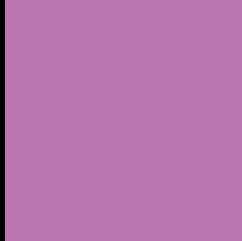
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0539, 26.7828, 44.3964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

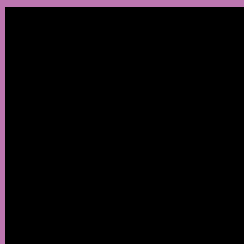
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.0539, 26.7828, 44.3964

Background



This preview shows how black text looks on a background with the XYZ color 35.0539, 26.7828, 44.3964.



This preview shows how white text looks on a background with the XYZ color 35.0539, 26.7828,

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

35.0539, 26.7828, 44.3964

Protanopia

27.6449, 27.0740, 53.6379

Deuteranopia

27.4942, 27.0192, 42.7959



Tritanopia

31.4332, 26.7666, 26.8023

Trichromacy



Original Color

35.0539, 26.7828, 44.3964

Protanomaly

29.5086, 26.4373, 50.0020

Deuteranomaly

29.5638, 26.4178, 43.0761

Tritanomaly

32.6765, 26.7146, 32.7123

Monochromacy



Original Color

35.0539, 26.7828, 44.3964

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.5879, 27.6197, 35.6700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0539, 26.7828, 44.3964 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(188, 118, 176)` looks like.

```
.text, #text, p{  
    color:rgb(188, 118, 176)  
}
```

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(188, 118, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 118, 176) }
```

Border

The CSS property to change the border of an element to XYZ 35.0539, 26.7828, 44.3964 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(188, 118, 176) }
```


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

```
.border{ border-color:rgb(188, 118, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 118, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 118, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 118, 176);  
box-shadow:4px 4px 4px 4px rgb(188, 118,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0539, 26.7828, 44.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 118, 176) }
```

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

```
.background{ background-color: rgb(188,  
118, 176) }
```

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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