

Converting Colors

XYZ(35.1278, 28.0822, 50.2524)

Have a look what the booklet for
XYZ(35.1278, 28.0822, 50.2524)
contains.

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Color

**XYZ(35.1462, 28.1702,
50.0394)**

Conversions

Conversions Part 1

Format	Color
Hex	B47EBA
RGB	180, 126, 186
RGB Percent	71%, 49%, 73%
CMY	0.2941, 0.5059, 0.2706
CMYK	0.03, 0.32, 0.00, 0.27
HSL	294°, 30%, 61%
HSV	294°, 32%, 73%
XYZ	35.1462, 28.1702, 50.0394
YIQ	148.9860, 12.9240, 30.1080

Conversions

Conversions Part 2

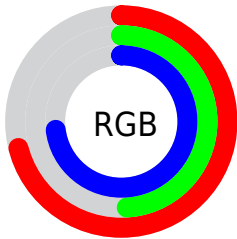
Format	Color
RYB	180, 126, 186
Decimal	11828922
CIELab	60.04, 31.11, -23.23
CIElCh	60, 38.830, 323.249
Yxy	28.1702, 0.3101, 0.2485
Android (android.graphics.Color)	4290019002 (0xFFB47EBA)
YUV	148.9860, 18.2479, 27.1993
Hunter-Lab	53.0756, 25.3188, -18.7454

Details

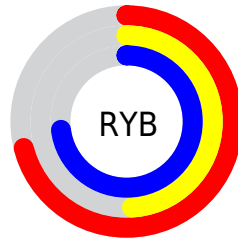
The XYZ color **35.1462, 28.1702, 50.0394** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.8415, 41.5304, 26.1307**, and the grayscale version is **28.4839, 29.9673, 32.6343**.

A 20% lighter version of the original color is **67.0722, 56.6555, 91.4049**, and **15.4223, 11.2980, 23.5582** is the 20% darker color. If you saturate the color by 10%, you get **32.5555, 23.6268, 49.2994**, and if you desaturate by 10%, it is **38.1867, 33.6034, 50.9283**.

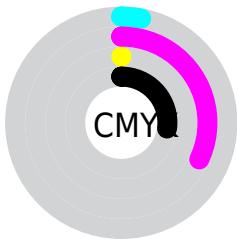
Distribution



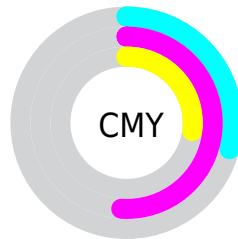
- Red (71%)
- Green (49%)
- Blue (73%)



- Red (71%)
- Yellow (49%)
- Blue (73%)



- Cyan (3%)
- Magenta (32%)
- Yellow (0%)
- Black (27%)





- Cyan (29%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1462, 28.1702, 50.0394 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 35.1462, 28.1702, 50.0394 by changing the saturation by 10% instead.

 35.1462, 28.1702,
50.0394

 35.1462, 28.1702,
50.0394


316.7099,
293.2793, 403.5595


 23.9426, 18.4540,
35.0733


 67.0447, 56.7561,
91.6302

 15.4155, 11.2764,
23.4353


 88.4703, 76.3945,
119.0919

 9.1997, 6.2531,
14.7070


 114.0339,
100.1092, 151.5559

 4.9298, 2.9996,
8.4697

144.1009,
128.2844, 189.4408

 2.2405, 1.1315,
4.3049

179.0367,
161.3047, 233.1651

 0.7639, 0.0047,
1.7940

219.2065,

 0.0000, 0.0000,

199.5543, 283.1472

0.4240

264.9758,
243.4177, 339.8059

■ 0.0000, 0.0000,
0.0000

■ 35.1462, 28.1702,
50.0394

■ 35.1462, 28.1702,
50.0394

■ 32.5555, 23.6268,
49.2994

■ 38.1867, 33.6034,
50.9283

■ 30.3873, 19.9203,
48.6983

■ 41.6970, 39.9681,
51.9718

■ 28.6156, 16.9982,
48.2276

■ 45.6990, 47.3077,
53.1775

■ 27.2102, 14.8003,
47.8774

■ 50.2127, 55.6619,
54.5522

■ 26.1367, 13.2576,
47.6362

■ 55.2567, 65.0679,
56.1019

■ 25.3538, 12.2878,
47.4903

■ 60.8489, 75.5615,
57.8326

■ 24.8843, 11.8045,
47.4218

■ 66.6207, 86.4054,
59.6215

■ 67.0979, 86.6514,
59.6438

■ 67.5811, 86.9006,
59.6664

Harmonies

Analogous

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



30.7096, 28.1702, 63.1445



35.1462, 28.1702, 50.0394



37.3803, 28.1702, 33.9890

Triad

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



35.1462, 28.1702, 50.0394



27.9092, 28.1702, 10.7881



18.9488, 28.1702, 42.7368

Complementary

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



35.1462, 28.1702, 50.0394



30.8415, 41.5304, 26.1307

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.



18.3931, 28.1702, 27.5792



35.1462, 28.1702, 50.0394



23.1916, 28.1702, 11.8284

Square

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



35.1462, 28.1702, 50.0394



32.8818, 28.1702, 13.6082



19.8512, 28.1702, 17.0851



21.4752, 28.1702, 58.1007

Rectangle

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



35.1462, 28.1702, 50.0394



37.1468, 28.1702, 24.8409



19.8512, 28.1702, 17.0851



18.5393, 28.1702, 37.3521

Sweetspot

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



35.1471, 28.1714, 50.0400



77.0192, 75.0767, 94.6333



25.7196, 24.4847, 49.8253



16.7455, 16.1395, 20.7752



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.



35.1471, 28.1714, 50.0400



60.1587, 44.8248, 89.6827



34.2331, 27.9707, 37.7780



9.2901, 9.1159, 11.3493



16.7772, 7.9602, 31.9053



0.6172, 0.2939, 1.1259

Inverse Universe

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



31.8764, 27.0280, 25.3679



53.3627, 42.4719, 37.3821



31.6691, 41.7562, 35.2459



9.0401, 9.0264, 9.5587



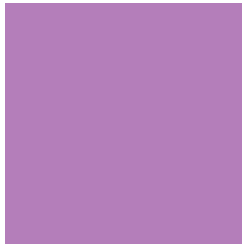
13.7136, 7.0592, 1.1127



0.4956, 0.2537, 0.1034

Previews

White Background



This preview shows how the XYZ color 35.1462, 28.1702, 50.0394 looks on a white background.

Color Contrast Check

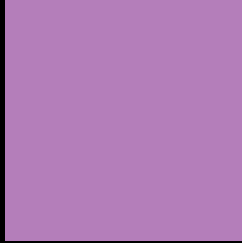
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.1462, 28.1702, 50.0394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

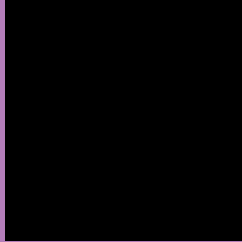
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1462, 28.1702, 50.0394

Background



This preview shows how black text looks on a background with the XYZ color 35.1462, 28.1702, 50.0394.



This preview shows how white text looks on a background with the XYZ color 35.1462, 28.1702,

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

35.1462, 28.1702, 50.0394

Protanopia

29.1845, 28.4356, 57.9833

Deuteranopia

28.8677, 28.2539, 48.7318



Tritanopia

31.0915, 28.0932, 30.5719

Trichromacy



Original Color

35.1462, 28.1702, 50.0394

Protanomaly

30.8960, 28.0823, 54.8310

Deuteranomaly

30.7823, 27.9390, 49.1178

Tritanomaly

32.3660, 28.0008, 36.9565

Monochromacy



Original Color

35.1462, 28.1702, 50.0394

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.5437, 29.1320, 38.1956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1462, 28.1702, 50.0394 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(180, 126, 186)` looks like.

```
.text, #text, p{  
    color:rgb(180, 126, 186)  
}
```

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(180, 126, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 126, 186) }
```

Border

The CSS property to change the border of an element to XYZ 35.1462, 28.1702, 50.0394 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(180, 126, 186) }
```


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

```
.border{ border-color:rgb(180, 126, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 126, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 126, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 126, 186);  
box-shadow:4px 4px 4px 4px rgb(180, 126,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1462, 28.1702, 50.0394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 126, 186) }
```

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

```
.background{ background-color: rgb(180,  
126, 186) }
```

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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