

Converting Colors

XYZ(35.1298, 27.2542, 42.0435)

Have a look what the booklet for
XYZ(35.1298, 27.2542, 42.0435)
contains.

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Color

**XYZ(35.0534, 27.1920,
41.9291)**

Conversions

Conversions Part 1

Format	Color
Hex	BD78AB
RGB	189, 120, 171
RGB Percent	74%, 47%, 67%
CMY	0.2588, 0.5294, 0.3294
CMYK	0.00, 0.37, 0.10, 0.26
HSL	316°, 34%, 61%
HSV	316°, 37%, 74%
XYZ	35.0534, 27.1920, 41.9291
YIQ	146.4450, 24.7530, 30.4890

Conversions

Conversions Part 2

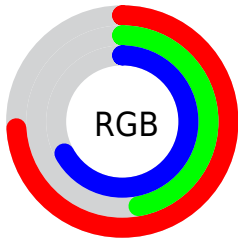
Format	Color
RYB	189, 120, 171
Decimal	12417195
CIELab	59.15, 34.64, -15.93
CIELCh	59, 38.125, 335.294
Yxy	27.1920, 0.3365, 0.2610
Android (android.graphics.Color)	4290607275 (0xFFBD78AB)
YUV	146.4450, 12.1056, 37.3207
Hunter-Lab	52.1459, 28.7353, -11.1713

Details

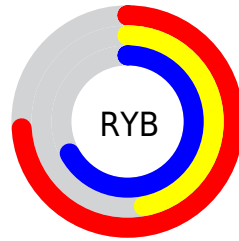
The XYZ color **35.0534, 27.1920, 41.9291** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.5319, 42.2241, 30.5874**, and the grayscale version is **27.4497, 28.8792, 31.4494**.

A 20% lighter version of the original color is **66.6771, 54.9710, 79.0477**, and **15.3514, 10.7806, 18.7245** is the 20% darker color. If you saturate the color by 10%, you get **32.5396, 22.9023, 38.8156**, and if you desaturate by 10%, it is **38.0350, 32.3884, 45.2857**.

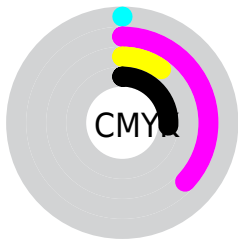
Distribution



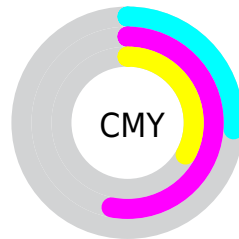
- Red (74%)
- Green (47%)
- Blue (67%)



- Red (74%)
- Yellow (47%)
- Blue (67%)



- Cyan (0%)
- Magenta (37%)
- Yellow (10%)
- Black (26%)





- Cyan (26%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0534, 27.1920, 41.9291 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 35.0534, 27.1920, 41.9291 by changing the saturation by 10% instead.


 35.0534, 27.1920,
41.9291


 35.0534, 27.1920,
41.9291


316.3079,
288.5856, 369.9799


 23.8707, 17.7175,
28.7206


 66.9020, 55.1918,
79.3612

 15.3620, 10.7473,
18.6258


 88.2986, 74.4859,
104.4220

 9.1618, 5.8972,
11.2262

 113.8305, 97.8219,
134.2706

 4.9048, 2.7827,
6.1031

143.8631,
125.5843, 169.3255

 2.2257, 1.0194,
2.8381

178.7618,
158.1575, 210.0054

 0.7562, 0.0000,
1.0126

218.8920,

 0.0000, 0.0000,

195.9258, 256.7287

0.0000

264.6188,
239.2737, 309.9141

■ 35.0534, 27.1920,
41.9291

■ 35.0534, 27.1920,
41.9291

■ 32.5396, 22.9023,
38.8156

■ 38.0350, 32.3884,
45.2857

■ 30.4645, 19.4625,
35.9335

■ 41.5064, 38.5366,
48.8926

■ 28.7993, 16.8151,
33.2728


■ 45.4913, 45.6830,
52.7591


■ 27.5108, 14.8939,
30.8213


■ 50.0110, 53.8702,
56.8931


■ 26.5603, 13.6221,
28.5652

■ 55.0855, 63.1378,
61.3021


 25.8969, 12.8978,
26.4865

 60.7341, 73.5239,
65.9934

 25.6975, 12.7033,
25.7901

 66.9746, 85.0642,
70.9739

 68.4351, 87.0144,
74.4536

 69.0608, 87.2647,
77.7485

Harmonies

Analogous

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



31.4843, 27.1920, 56.4714



35.0534, 27.1920, 41.9291



36.0382, 27.1920, 27.2609

Triad

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



35.0534, 27.1920, 41.9291



25.0123, 27.1920, 10.4639



19.0896, 27.1920, 47.4200

Complementary

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



35.0534, 27.1920, 41.9291



30.5319, 42.2241, 30.5874

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.



17.7819, 27.1920, 32.0850



35.0534, 27.1920, 41.9291



20.9231, 27.1920, 12.9890

Square

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



35.0534, 27.1920, 41.9291



29.8500, 27.1920, 11.6459



18.4098, 27.1920, 19.9725



22.2156, 27.1920, 60.2620

Rectangle

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



35.0534, 27.1920, 41.9291



35.0049, 27.1920, 19.7859



18.4098, 27.1920, 19.9725



18.4414, 27.1920, 42.2367

Sweetspot

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



35.0542, 27.1932, 41.9297



78.0242, 75.6128, 91.1980



26.2606, 22.4480, 51.0934



16.5721, 15.8897, 19.4107



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.



35.0542, 27.1932, 41.9297



59.0299, 42.2870, 70.4918



32.2371, 26.0664, 27.0946



9.8208, 9.6526, 11.4452



17.3225, 8.5602, 17.5239



0.7039, 0.3455, 0.8202

Inverse Universe

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



35.0542, 27.1932, 41.9297



59.0299, 42.2870, 70.4918



33.3667, 43.3580, 45.5152



9.8208, 9.6526, 11.4452



17.3225, 8.5602, 17.5239



0.7039, 0.3455, 0.8202

Previews

White Background



This preview shows how the XYZ color 35.0534, 27.1920, 41.9291 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 35.0534, 27.1920, 41.9291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

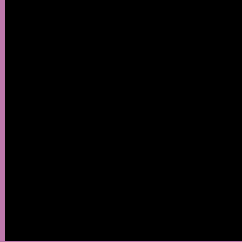
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.0534, 27.1920, 41.9291

Background



This preview shows how black text looks on a background with the XYZ color 35.0534, 27.1920, 41.9291.



This preview shows how white text looks on a background with the XYZ color 35.0534, 27.1920,

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

35.0534, 27.1920, 41.9291

Protanopia

27.7479, 27.4202, 50.2845

Deuteranopia

27.8847, 27.2750, 40.3541



Tritanopia

32.0409, 27.2706, 26.8676

Trichromacy



Original Color

35.0534, 27.1920, 41.9291

Protanomaly

29.6769, 26.7867, 47.3223

Deuteranomaly

30.0171, 26.9067, 40.6572

Tritanomaly

32.8822, 27.0243, 31.9169

Monochromacy



Original Color

35.0534, 27.1920, 41.9291

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.7623, 27.9393, 34.8345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0534, 27.1920, 41.9291 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(189, 120, 171)` looks like.

```
.text, #text, p{  
    color:rgb(189, 120, 171)  
}
```

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(189, 120, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 120, 171) }
```

Border

The CSS property to change the border of an element to XYZ 35.0534, 27.1920, 41.9291 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(189, 120, 171) }
```


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

```
.border{ border-color:rgb(189, 120, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 120, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 120, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 120, 171);  
box-shadow:4px 4px 4px 4px rgb(189, 120,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0534, 27.1920, 41.9291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 120, 171) }
```

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

```
.background{ background-color: rgb(189,  
120, 171) }
```

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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