

Converting Colors

XYZ(36.1637, 32.8017, 52.7215)

Have a look what the booklet for
XYZ(36.1637, 32.8017, 52.7215)
contains.

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Color

**XYZ(36.2588, 32.8898,
52.5814)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | AB92BD |
| RGB | 171, 146, 189 |
| RGB Percent | 67%, 57%, 74% |
| CMY | 0.3294, 0.4274, 0.2588 |
| CMYK | 0.10, 0.23, 0.00, 0.26 |
| HSL | 275°, 25%, 66% |
| HSV | 275°, 23%, 74% |
| XYZ | 36.2588, 32.8898, 52.5814 |
| YIQ | 158.3770, 1.0970, 18.6730 |

Conversions

Conversions Part 2

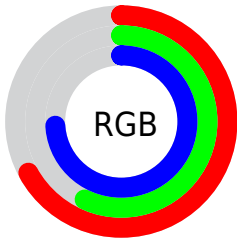
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 171, 146, 189 |
| Decimal | 11244221 |
| CIELab | 64.07, 17.49, -18.86 |
| CIELCh | 64, 25.721, 312.850 |
| Yxy | 32.8898, 0.2979, 0.2702 |
| Android (android.graphics.Color) | 4289434301 (0xFFAB92BD) |
| YUV | 158.3770, 15.0971, 11.0704 |
| Hunter-Lab | 57.3496, 12.4932, -14.2157 |

Details

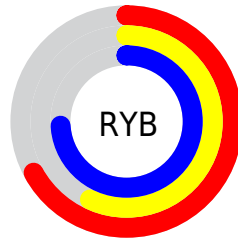
The XYZ color **36.2588, 32.8898, 52.5814** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.6968, 46.3638, 34.1052**, and the grayscale version is **32.6046, 34.3026, 37.3555**.

A 20% lighter version of the original color is **68.8143, 64.2320, 95.1573**, and **16.0074, 13.8135, 25.1152** is the 20% darker color. If you saturate the color by 10%, you get **31.9109, 26.6757, 51.6116**, and if you desaturate by 10%, it is **41.1936, 40.1231, 53.7180**.

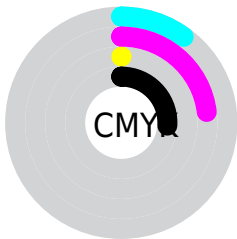
Distribution



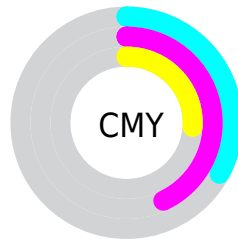
- Red (67%)
- Green (57%)
- Blue (74%)



- Red (67%)
- Yellow (57%)
- Blue (74%)



- Cyan (10%)
- Magenta (23%)
- Yellow (0%)
- Black (26%)





- Cyan (33%)
- Magenta (43%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2588, 32.8898, 52.5814 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 36.2588, 32.8898, 52.5814 by changing the saturation by 10% instead.


 36.2588, 32.8898,
52.5814

 36.2588, 32.8898,
52.5814


321.5018,
315.1529, 413.6977

 24.8052, 22.0420,
37.0833


 68.7526, 64.2034,
95.4234

 16.0599, 13.8878,
24.9757


 90.5235, 85.4381,
123.6044

 9.6577, 8.0427,
15.8401


116.4641,
110.9039, 156.8500

 5.2331, 4.1223,
9.2579

146.9400,
140.9851, 195.5789

 2.4208, 1.7422,
4.8107

182.3163,
176.0663, 240.2096

 0.8555, 0.4507,
2.0798

222.9585,

 0.0000, 0.0000,

216.5317, 291.1606

0.6037

269.2319,
262.7657, 348.8505

■ 0.0000, 0.0000,
0.0000

■ 36.2588, 32.8898,
52.5814

■ 36.2588, 32.8898,
52.5814

■ 31.9109, 26.6757,
51.6116

■ 41.1936, 40.1231,
53.7180

■ 28.1213, 21.4285,
50.7985

■ 46.7360, 48.4165,
55.0267

■ 24.8636, 17.0972,
50.1342

■ 52.9093, 57.8134,
56.5151

■ 22.1077, 13.6247,
49.6092

■ 59.7347, 68.3539,
58.1898

■ 19.8202, 10.9468,
49.2129

■ 67.2323, 80.0756,
60.0572

■ 17.9629, 8.9902,
48.9331

■ 74.0003, 90.1725,
61.6494

■ 16.4905, 7.6673,
48.7554

■ 76.4300, 91.4251,
61.7631

■ 15.6013, 6.9817,
48.6699

■ 78.9743, 92.7367,
61.8822

■ 81.6346, 94.1082,
62.0067

Harmonies

Analogous

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



32.8410, 32.8898, 59.0853



36.2588, 32.8898, 52.5814



38.4258, 32.8898, 42.0438

Triad

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



36.2588, 32.8898, 52.5814



33.3673, 32.8898, 19.8883



24.9299, 32.8898, 40.4499

Complementary

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



36.2588, 32.8898, 52.5814



38.6968, 46.3638, 34.1052

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.



25.0468, 32.8898, 30.2275



36.2588, 32.8898, 52.5814



29.7320, 32.8898, 19.6269

Square

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



36.2588, 32.8898, 52.5814



36.6697, 32.8898, 23.8509



26.7445, 32.8898, 23.0501



26.4117, 32.8898, 51.2214

Rectangle

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



36.2588, 32.8898, 52.5814



38.7735, 32.8898, 34.8254



26.7445, 32.8898, 23.0501



24.7871, 32.8898, 36.8159

Sweetspot

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



36.2598, 32.8912, 52.5821



79.2366, 79.9951, 97.4906



34.4296, 36.5645, 53.3876



16.9113, 17.0107, 20.9346



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.



36.2598, 32.8912, 52.5821



61.1661, 53.4739, 93.3239



40.1431, 34.9287, 51.1554



9.5334, 9.4919, 12.0019



10.5856, 4.7432, 32.7505



0.4876, 0.2234, 1.2863

Inverse Universe

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



37.9670, 34.0583, 39.6961



64.8332, 55.9725, 66.0167



35.4669, 44.6727, 35.1328



9.6914, 9.6008, 10.7638



15.1090, 7.6747, 5.8675



0.6245, 0.3137, 0.4020

Previews

White Background



This preview shows how the XYZ color 36.2588, 32.8898, 52.5814 looks on a white background.

Color Contrast Check

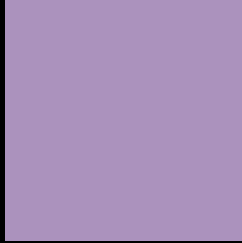
Large Text (above 18pt) WCAG AA × Fail

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 36.2588, 32.8898, 52.5814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

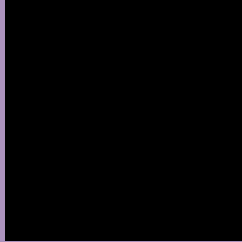
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.2588, 32.8898, 52.5814

Background



This preview shows how black text looks on a background with the XYZ color 36.2588, 32.8898, 52.5814.



This preview shows how white text looks on a background with the XYZ color 36.2588, 32.8898,

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

36.2588, 32.8898, 52.5814

Protanopia

33.1473, 33.1172, 55.6842

Deuteranopia

33.6318, 32.9573, 52.1658



Tritanopia

33.6138, 32.9931, 39.2470

Trichromacy



Original Color

36.2588, 32.8898, 52.5814

Protanomaly

34.0986, 32.9076, 54.4238

Deuteranomaly

34.4807, 32.9171, 52.1133

Tritanomaly

34.3423, 32.7983, 43.5504

Monochromacy



Original Color

36.2588, 32.8898, 52.5814

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.8213, 33.7623, 42.2703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2588, 32.8898, 52.5814 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(171, 146, 189)` looks like.

```
.text, #text, p{  
    color:rgb(171, 146, 189)  
}
```

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(171, 146, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 146, 189) }
```

Border

The CSS property to change the border of an element to XYZ 36.2588, 32.8898, 52.5814 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(171, 146, 189) }
```


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

```
.border{ border-color:rgb(171, 146, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 146, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 146, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 146, 189);  
box-shadow:4px 4px 4px 4px rgb(171, 146,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2588, 32.8898, 52.5814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 146, 189) }
```

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

```
.background{ background-color: rgb(171,  
146, 189) }
```

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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