

Converting Colors

XYZ(35.4617, 32.2538, 36.0658)

Have a look what the booklet for
XYZ(35.4617, 32.2538, 36.0658)
contains.

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Color

**XYZ(35.4367, 32.1465,
36.2355)**

Conversions

Conversions Part 1

Format	Color
Hex	B78F9D
RGB	183, 143, 157
RGB Percent	72%, 56%, 62%
CMY	0.2824, 0.4392, 0.3843
CMYK	0.00, 0.22, 0.14, 0.28
HSL	339°, 22%, 64%
HSV	339°, 22%, 72%
XYZ	35.4367, 32.1465, 36.2355
YIQ	156.5560, 19.3460, 12.8340

Conversions

Conversions Part 2

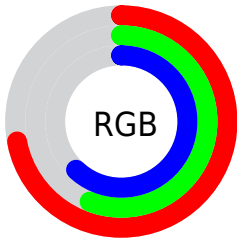
Format	Color
RYB	183, 143, 157
Decimal	12029853
CIELab	63.46, 17.35, -1.59
CIElCh	63, 17.423, 354.761
Yxy	32.1465, 0.3413, 0.3096
Android (android.graphics.Color)	4290219933 (0xFFB78F9D)
YUV	156.5560, 0.2189, 23.1914
Hunter-Lab	56.6979, 12.3428, 1.7964

Details

The XYZ color **35.4367, 32.1465, 36.2355** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.4239, 42.5720, 43.8883**, and the grayscale version is **31.8422, 33.5005, 36.4820**.

A 20% lighter version of the original color is **67.4465, 63.0367, 70.8998**, and **15.4819, 13.3620, 15.3988** is the 20% darker color. If you saturate the color by 10%, you get **31.9438, 26.7074, 30.3020**, and if you desaturate by 10%, it is **39.4785, 38.5243, 42.8407**.

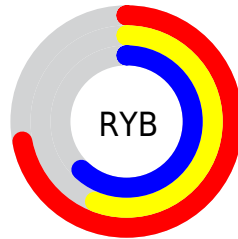
Distribution



Red (72%)

Green (56%)

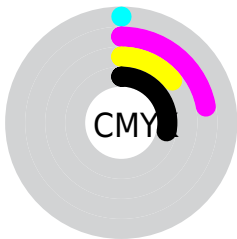
Blue (62%)



Red (72%)

Yellow (56%)

Blue (62%)

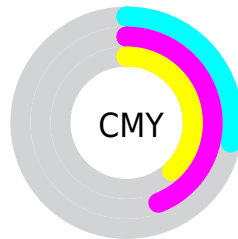


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (28%)



Cyan (28%)


Magenta (44%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4367, 32.1465, 36.2355 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 35.4367, 32.1465, 36.2355 by changing the saturation by 10% instead.


 35.4367, 32.1465,
36.2355


 35.4367, 32.1465,
36.2355


317.9661,
311.7861, 345.0572

 24.1676, 21.4734,
24.3250


 67.4913, 63.0407,
70.5685

 15.5834, 13.4705,
15.3605


 89.0075, 84.0306,
93.8281

 9.3188, 7.7533,
8.9233


114.6700,
109.2282, 121.7079

 5.0085, 3.9375,
4.5951

144.8443,
139.0180, 154.6263

 2.2870, 1.6387,
1.9572

179.8957,
173.7842, 193.0018

 0.7880, 0.3835,
0.5287

220.1896,

 0.0000, 0.0000,

213.9114, 237.2532

0.0000

266.0912,
259.7839, 287.7988

■ 35.4367, 32.1465,
36.2355

■ 35.4367, 32.1465,
36.2355

■ 31.9438, 26.7074,
30.3020

■ 39.4785, 38.5243,
42.8407

■ 28.9725, 22.1582,
25.0161

■ 44.0894, 45.8781,
50.1364

■ 26.4973, 18.4521,
20.3551

■ 49.2918, 54.2483,
58.1434

■ 24.4894, 15.5363,
16.2941

■ 55.1063, 63.6718,
66.8807

■ 22.9166, 13.3521,
12.8065

■ 61.5523, 74.1836,
76.3669

■ 21.7428, 11.8323,
9.8630

■ 68.6483, 85.8171,
86.6196

■ 20.9250, 10.8971,
7.4313

■ 71.0574, 87.8949,
95.8710

■ 20.4552, 10.4380,
5.7932

■ 72.8861, 88.6263,
105.5009

■ 73.3386, 88.8074,
107.8839

Harmonies

Analogous

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



34.5230, 32.1465, 43.2861



35.4367, 32.1465, 36.2355



34.9869, 32.1465, 29.7016

Triad

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



35.4367, 32.1465, 36.2355



28.6427, 32.1465, 24.2225



27.9422, 32.1465, 47.0808

Complementary

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



35.4367, 32.1465, 36.2355



35.4239, 42.5720, 43.8883

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.



26.5128, 32.1465, 40.8983



35.4367, 32.1465, 36.2355



26.9020, 32.1465, 27.8488

Square

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



35.4367, 32.1465, 36.2355



30.9820, 32.1465, 23.3171



26.1423, 32.1465, 33.7970



30.1305, 32.1465, 50.0551

Rectangle

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



35.4367, 32.1465, 36.2355



33.9860, 32.1465, 26.4159



26.1423, 32.1465, 33.7970



27.3617, 32.1465, 45.2723

Sweetspot

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



35.4376, 32.1480, 36.2362



74.4896, 75.0164, 82.7635



34.7330, 31.5004, 49.0497



16.3447, 16.3970, 18.1091



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.4376, 32.1480, 36.2362



60.4868, 52.9161, 59.8903



35.2349, 33.5468, 30.6064



9.1309, 9.0627, 10.0368



14.2995, 7.2936, 4.1979



0.5340, 0.2691, 0.3057

Inverse Universe

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



35.4376, 32.1480, 36.2362



60.4868, 52.9161, 59.8903



35.5981, 40.7037, 50.7805



9.1309, 9.0627, 10.0368



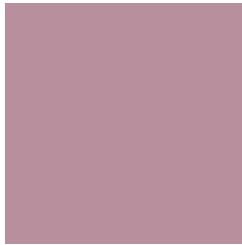
14.2995, 7.2936, 4.1979



0.5340, 0.2691, 0.3057

Previews

White Background



This preview shows how the XYZ color 35.4367, 32.1465, 36.2355 looks on a white background.

Color Contrast Check

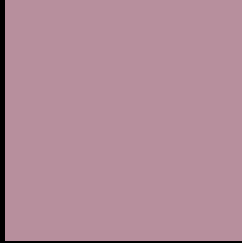
Large Text (above 18pt) WCAG AA × Fail

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 35.4367, 32.1465, 36.2355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

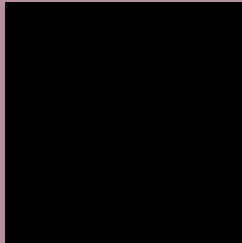
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4367, 32.1465, 36.2355

Background



This preview shows how black text looks on a background with the XYZ color 35.4367, 32.1465, 36.2355.



This preview shows how white text looks on a background with the XYZ color 35.4367, 32.1465,

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

35.4367, 32.1465, 36.2355

Protanopia

31.3285, 32.2968, 39.2331

Deuteranopia

32.8966, 32.2200, 35.9377



Tritanopia

35.2673, 32.0788, 35.3434

Trichromacy



Original Color

35.4367, 32.1465, 36.2355

Protanomaly

32.6975, 32.0674, 38.1845

Deuteranomaly

33.6680, 32.1520, 35.8839

Tritanomaly

35.3516, 32.1125, 35.7876

Monochromacy



Original Color

35.4367, 32.1465, 36.2355

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.0399, 32.9978, 36.5261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4367, 32.1465, 36.2355 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(183, 143, 157)` looks like.

```
.text, #text, p{  
    color:rgb(183, 143, 157)  
}
```

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(183, 143, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 143, 157) }
```

Border

The CSS property to change the border of an element to XYZ 35.4367, 32.1465, 36.2355 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(183, 143, 157) }
```


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

```
.border{ border-color:rgb(183, 143, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 143, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 143, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 143, 157);  
box-shadow:4px 4px 4px 4px rgb(183, 143,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4367, 32.1465, 36.2355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 143, 157) }
```

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

```
.background{ background-color: rgb(183,  
143, 157) }
```

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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