

Converting Colors

XYZ(36.4315, 32.5381, 59.4525)

Have a look what the booklet for
XYZ(36.4315, 32.5381, 59.4525)
contains.

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Color

**XYZ(36.6044, 32.6833,
59.6376)**

Conversions

Conversions Part 1

Format	Color
Hex	A791C9
RGB	167, 145, 201
RGB Percent	65%, 57%, 79%
CMY	0.3451, 0.4314, 0.2118
CMYK	0.17, 0.28, 0.00, 0.21
HSL	264°, 34%, 68%
HSV	264°, 28%, 79%
XYZ	36.6044, 32.6833, 59.6376
YIQ	157.9620, -4.8640, 22.0800

Conversions

Conversions Part 2

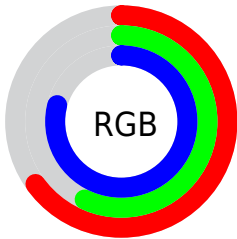
Format	Color
RYB	167, 145, 201
Decimal	10981833
CIELab	63.90, 19.36, -25.87
CIELCh	64, 32.317, 306.813
Yxy	32.6833, 0.2839, 0.2535
Android (android.graphics.Color)	4289171913 (0xFFA791C9)
YUV	157.9620, 21.2177, 7.9263
Hunter-Lab	57.1693, 14.2438, -21.8313

Details

The XYZ color **36.6044, 32.6833, 59.6376** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.5888, 53.4021, 34.7470**, and the grayscale version is **32.3915, 34.0784, 37.1114**.

A 20% lighter version of the original color is **68.9048, 63.7548, 103.2820**, and **16.2086, 13.6894, 29.3918** is the 20% darker color. If you saturate the color by 10%, you get **31.3431, 25.8085, 58.5885**, and if you desaturate by 10%, it is **42.6546, 40.7729, 60.8807**.

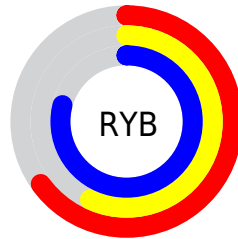
Distribution



Red (65%)

Green (57%)

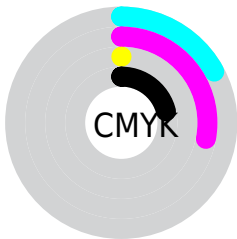
Blue (79%)



Red (65%)

Yellow (57%)

Blue (79%)

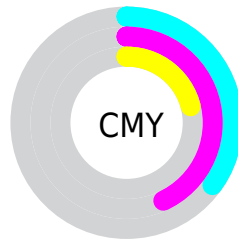


Cyan (17%)

Magenta (28%)

Yellow (0%)

Black (21%)



Cyan (35%)

Magenta (43%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6044, 32.6833, 59.6376 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 36.6044, 32.6833, 59.6376 by changing the saturation by 10% instead.

■ 36.6044, 32.6833,
59.6376

■ 36.6044, 32.6833,
59.6376

322.9800,
314.2202, 441.0282

■ 25.0736, 21.8839,
42.7032

■ 69.2817, 63.8808,
105.8420

■ 16.2609, 13.7716,
29.3226

■ 91.1590, 85.0477,
135.9491

■ 9.8010, 7.9620,
19.0774

117.2157,
110.4392, 171.2842

■ 5.3285, 4.0707,
11.5488

147.8174,
140.4398, 212.2658

■ 2.4780, 1.7132,
6.3185

183.3293,
175.4338, 259.3124

■ 0.8842, 0.4322,
2.9678

224.1168,

■ 0.0000, 0.0000,

215.8056, 312.8427

1.0782

270.5452,
261.9396, 373.2751

■ 0.0000, 0.0000,
0.0000

■ 36.6044, 32.6833,
59.6376

■ 36.6044, 32.6833,
59.6376

■ 31.3431, 25.8085,
58.5885

■ 42.6546, 40.7729,
60.8807

■ 26.8320, 20.0837,
57.7212

■ 49.5233, 50.1298,
62.3247

■ 23.0340, 15.4443,
57.0259

■ 57.2427, 60.8079,
63.9790

■ 19.9070, 11.8170,
56.4906

■ 65.8420, 72.8571,
65.8515

■ 17.4042, 9.1193,
56.1018

■ 75.3492, 86.3245,
67.9498

■ 15.4713, 7.2552,
55.8438

■ 82.3140, 94.3016,
69.1225

■ 14.0324, 6.0854,
55.6939

■ 86.6027, 96.5125,
69.3232

■ 13.7642, 5.8778,
55.6680

■ 87.5427, 96.9971,
69.3672

Harmonies

Analogous

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



32.1134, 32.6833, 66.6952



36.6044, 32.6833, 59.6376



39.8159, 32.6833, 46.3859

Triad

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



36.6044, 32.6833, 59.6376



34.6363, 32.6833, 17.1730



23.1656, 32.6833, 38.6409

Complementary

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



36.6044, 32.6833, 59.6376



44.5888, 53.4021, 34.7470

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.



23.6997, 32.6833, 26.6087



36.6044, 32.6833, 59.6376



30.0386, 32.6833, 16.0621

Square

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



36.6044, 32.6833, 59.6376



38.6044, 32.6833, 22.5907



26.1138, 32.6833, 19.0664



24.5764, 32.6833, 52.8010

Rectangle

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



36.6044, 32.6833, 59.6376



40.6390, 32.6833, 36.9971



26.1138, 32.6833, 19.0664



23.1259, 32.6833, 34.2123

Sweetspot

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



36.6055, 32.6846, 59.6383



84.4731, 85.3940, 106.6382



38.4479, 42.6923, 61.4729



17.6780, 17.7258, 22.7396



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.6055, 32.6846, 59.6383



57.4615, 49.1137, 101.0591



43.0370, 36.0002, 59.9393



10.4443, 10.4873, 13.3913



8.7506, 3.7453, 35.0061



0.4954, 0.2191, 1.6613

Inverse Universe

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



42.3504, 35.9242, 47.3508



68.9515, 55.6000, 76.1636



38.8602, 50.4489, 34.4789



10.8998, 10.7433, 12.4555



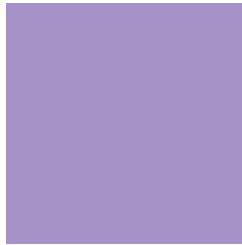
17.4015, 8.7102, 12.5900



0.8588, 0.4264, 0.7798

Previews

White Background



This preview shows how the XYZ color 36.6044, 32.6833, 59.6376 looks on a white background.

Color Contrast Check

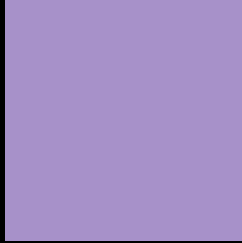
Large Text (above 18pt) WCAG AA × Fail

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 36.6044, 32.6833, 59.6376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

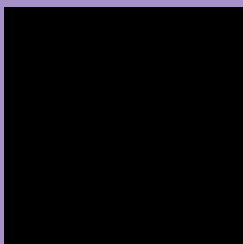
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6044, 32.6833, 59.6376

Background



This preview shows how black text looks on a background with the XYZ color 36.6044, 32.6833, 59.6376.



This preview shows how white text looks on a background with the XYZ color 36.6044, 32.6833,

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

36.6044, 32.6833, 59.6376

Protanopia

33.4689, 32.8629, 63.6107

Deuteranopia

33.5076, 32.7376, 59.1965



Tritanopia

32.6270, 32.7139, 39.7167

Trichromacy



Original Color

36.6044, 32.6833, 59.6376

Protanomaly

34.5035, 32.7045, 62.2517

Deuteranomaly

34.4992, 32.5350, 59.1052

Tritanomaly

33.7875, 32.4557, 46.0788

Monochromacy



Original Color

36.6044, 32.6833, 59.6376

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.7292, 33.4155, 44.7165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6044, 32.6833, 59.6376 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(167, 145, 201)` looks like.

```
.text, #text, p{  
    color:rgb(167, 145, 201)  
}
```

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(167, 145, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 145, 201) }
```

Border

The CSS property to change the border of an element to XYZ 36.6044, 32.6833, 59.6376 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(167, 145, 201) }
```


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

```
.border{ border-color:rgb(167, 145, 201) }
```

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

Here you see how a box with a 4 pixel rgb(167, 145, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 145, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 145, 201);  
box-shadow:4px 4px 4px 4px rgb(167, 145,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6044, 32.6833, 59.6376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 145, 201) }
```

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

```
.background{ background-color: rgb(167,  
145, 201) }
```

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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