

Converting Colors

XYZ(41.4991, 33.0376, 35.1907)

Have a look what the booklet for
XYZ(41.4991, 33.0376, 35.1907)
contains.

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Color

**XYZ(41.3190, 32.8661,
35.1764)**

Conversions

Conversions Part 1

Format	Color
Hex	D4849B
RGB	212, 132, 155
RGB Percent	83%, 52%, 61%
CMY	0.1686, 0.4823, 0.3922
CMYK	0.00, 0.38, 0.27, 0.17
HSL	343°, 48%, 67%
HSV	343°, 38%, 83%
XYZ	41.3190, 32.8661, 35.1764
YIQ	158.5420, 40.2970, 24.1130

Conversions

Conversions Part 2

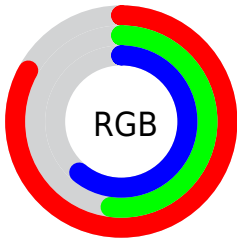
Format	Color
RYB	212, 132, 155
Decimal	13927579
CIELab	64.05, 33.72, 0.79
CIELCh	64, 33.724, 1.338
Yxy	32.8661, 0.3778, 0.3005
Android (android.graphics.Color)	4292117659 (0xFFD4849B)
YUV	158.5420, -1.7462, 46.8827
Hunter-Lab	57.3290, 28.3255, 3.7506

Details

The XYZ color **41.3190, 32.8661, 35.1764** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.2459, 55.6674, 56.6651**, and the grayscale version is **32.7413, 34.4464, 37.5122**.

A 20% lighter version of the original color is **70.3075, 60.9813, 68.3866**, and **19.1514, 13.9523, 14.7804** is the 20% darker color. If you saturate the color by 10%, you get **37.5406, 27.2139, 28.0446**, and if you desaturate by 10%, it is **45.8421, 39.7532, 43.3402**.

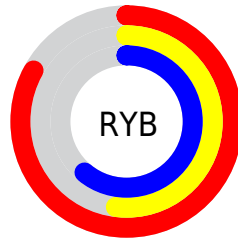
Distribution



Red (83%)

Green (52%)

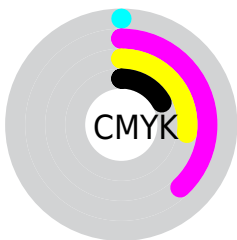
Blue (61%)



Red (83%)

Yellow (52%)

Blue (61%)

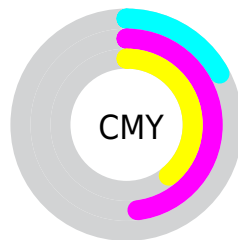


Cyan (0%)

Magenta (38%)

Yellow (27%)

Black (17%)



Cyan (17%)

Magenta (48%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3190, 32.8661, 35.1764 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 41.3190, 32.8661, 35.1764 by changing the saturation by 10% instead.

■ 41.3190, 32.8661,
35.1764

■ 41.3190, 32.8661,
35.1764

342.6920,
315.0459, 340.2742

■ 28.7572, 22.0239,
23.5142

■ 76.4396, 64.1664,
68.9136

■ 19.0406, 13.8745,
14.7648

■ 99.7290, 85.3933,
91.8257

■ 11.8038, 8.0334,
8.5097

■ 127.3251,
110.8506, 119.3247

■ 6.6815, 4.1163,
4.3304

159.5931,
140.9226, 151.8293

■ 3.3082, 1.7388,
1.8083

196.8985,
175.9937, 189.7581

■ 1.3188, 0.4486,
0.4334

239.6065,

■ 0.1972, 0.0000,

216.4484, 233.5294

0.0000

288.0825,
262.6710, 283.5619

■ 0.0000, 0.0000,
0.0000

■ 41.3190, 32.8661,
35.1764

■ 41.3190, 32.8661,
35.1764

■ 37.5406, 27.2139,
28.0446

■ 45.8421, 39.7532,
43.3402

■ 34.4626, 22.7183,
21.9002

■ 51.1454, 47.9379,
52.5740

■ 32.0404, 19.2994,
16.6981

■ 57.2651, 57.4842,
62.9162

■ 30.2226, 16.8651,
12.3885

■ 64.2345, 68.4507,
74.4029

■ 28.9495, 15.3075,
8.9163

■ 72.0851, 80.8924,
87.0682

■ 28.1395, 14.4757,
6.2163

■ 79.4901, 92.1486,
100.4929

■ 27.9922, 14.3334,
5.6980

■ 80.9614, 92.7371,
108.2407

Harmonies

Analogous

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



39.9843, 32.8661, 49.8994



41.3190, 32.8661, 35.1764



39.7326, 32.8661, 23.8030

Triad

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



41.3190, 32.8661, 35.1764



26.7126, 32.8661, 17.7312



27.0478, 32.8661, 64.0909

Complementary

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



41.3190, 32.8661, 35.1764



42.2459, 55.6674, 56.6651

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.



24.0500, 32.8661, 51.2357



41.3190, 32.8661, 35.1764



23.8707, 32.8661, 24.6208

Square

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



41.3190, 32.8661, 35.1764



31.0248, 32.8661, 15.4454



22.9469, 32.8661, 36.4018



31.4527, 32.8661, 68.9379

Rectangle

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



41.3190, 32.8661, 35.1764



37.3168, 32.8661, 18.9620



22.9469, 32.8661, 36.4018



25.8585, 32.8661, 60.4253

Sweetspot

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



41.3199, 32.8677, 35.1770



83.6927, 82.1698, 90.0566



40.8752, 31.9491, 66.2999



17.6377, 17.1568, 18.8105



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.



41.3199, 32.8677, 35.1770



58.2204, 43.1156, 44.9087



41.9073, 36.8444, 26.7347



12.5686, 12.4789, 13.6684



17.3187, 8.8638, 3.7163



1.0802, 0.5489, 0.4118

Inverse Universe

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



41.3199, 32.8677, 35.1770



58.2204, 43.1156, 44.9087



41.1405, 49.1399, 69.6041



12.5686, 12.4789, 13.6684



17.3187, 8.8638, 3.7163



1.0802, 0.5489, 0.4118

Previews

White Background



This preview shows how the XYZ color 41.3190, 32.8661, 35.1764 looks on a white background.

Color Contrast Check

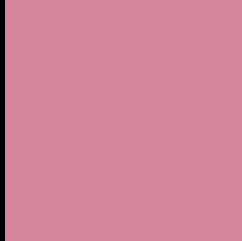
Large Text (above 18pt) WCAG AA × Fail

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 41.3190, 32.8661, 35.1764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

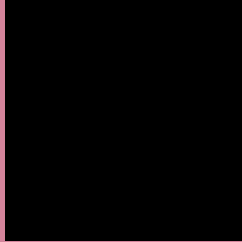
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3190, 32.8661, 35.1764

Background



This preview shows how black text looks on a background with the XYZ color 41.3190, 32.8661, 35.1764.



This preview shows how white text looks on a background with the XYZ color 41.3190, 32.8661,

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

41.3190, 32.8661, 35.1764

Protanopia

32.3068, 33.2384, 41.7587

Deuteranopia

33.7474, 33.1709, 34.3297



Tritanopia

40.4231, 32.9127, 30.6078

Trichromacy



Original Color

41.3190, 32.8661, 35.1764

Protanomaly

34.9491, 32.7419, 39.1281

Deuteranomaly

36.2165, 32.8112, 34.5614

Tritanomaly

40.5968, 32.7621, 32.2010

Monochromacy



Original Color

41.3190, 32.8661, 35.1764

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

35.2791, 33.4285, 36.9407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3190, 32.8661, 35.1764 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(212, 132, 155)` looks like.

```
.text, #text, p{  
    color:rgb(212, 132, 155)  
}
```

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(212, 132, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 132, 155) }
```

Border

The CSS property to change the border of an element to XYZ 41.3190, 32.8661, 35.1764 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(212, 132, 155) }
```


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

```
.border{ border-color:rgb(212, 132, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 132, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 132, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 132, 155);  
box-shadow:4px 4px 4px 4px rgb(212, 132,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3190, 32.8661, 35.1764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 132, 155) }
```

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

```
.background{ background-color: rgb(212,  
132, 155) }
```

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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