

Converting Colors

XYZ(32.4213, 18.5215, 48.2331)

Have a look what the booklet for
XYZ(32.4213, 18.5215, 48.2331)
contains.

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Color

**XYZ(32.4915, 18.5322,
48.3190)**

Conversions

Conversions Part 1

Format	Color
Hex	C041BA
RGB	192, 65, 186
RGB Percent	75%, 25%, 73%
CMY	0.2471, 0.7451, 0.2706
CMYK	0.00, 0.66, 0.03, 0.25
HSL	303°, 50%, 50%
HSV	303°, 66%, 75%
XYZ	32.4915, 18.5322, 48.3190
YIQ	116.7670, 36.8510, 64.5550

Conversions

Conversions Part 2

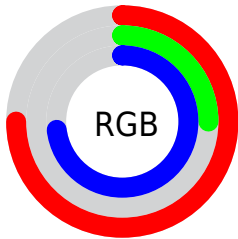
Format	Color
R_{YB}	192, 65, 186
Decimal	12599738
CIE _{Lab}	50.14, 64.54, -38.52
CIE _{LCh}	50, 75.165, 329.167
Yxy	18.5322, 0.3271, 0.1865
Android (android.graphics.Color)	4290789818 (0xFFC041BA)
YUV	116.7670, 34.1319, 65.9793
Hunter-Lab	43.0490, 59.3880, -36.4138

Details

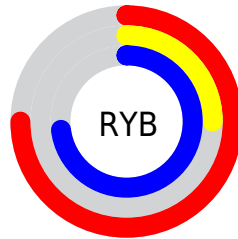
The XYZ color **32.4915, 18.5322, 48.3190** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted rose. A complement of this color would be **22.1678, 39.2789, 12.3755**, and the grayscale version is **16.7273, 17.5984, 19.1646**.

A 20% lighter version of the original color is **62.9209, 40.8994, 89.3721**, and **14.1565, 6.8168, 22.3994** is the 20% darker color. If you saturate the color by 10%, you get **31.4748, 16.6522, 47.5059**, and if you desaturate by 10%, it is **33.8847, 21.1632, 49.2609**.

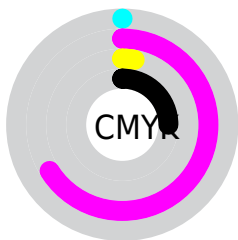
Distribution



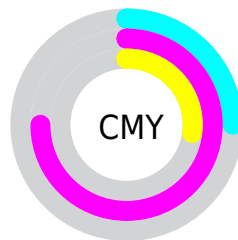
- Red (75%)
- Green (25%)
- Blue (73%)



- Red (75%)
- Yellow (25%)
- Blue (73%)



- Cyan (0%)
- Magenta (66%)
- Yellow (3%)
- Black (25%)





- Cyan (25%)
- Magenta (75%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4915, 18.5322, 48.3190 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 32.4915, 18.5322, 48.3190 by changing the saturation by 10% instead.

 32.4915, 18.5322,
48.3190


 32.4915, 18.5322,
48.3190


305.0578,
243.8539, 396.6003


 21.8946, 11.3328,
33.7178


 62.9408, 40.9421,
89.0497


 13.8956, 6.2911,
22.4013


 83.5239, 56.9214,
116.0162


 8.1293, 3.0229,
13.9509


 108.1664, 76.5960,
147.9416

 4.2303, 1.1437,
7.9482

 137.2337,
100.3504, 185.2444

 1.8332, 0.0150,
3.9745

 171.0911,
128.5691, 228.3431

 0.5376, 0.0000,
1.6114

210.1041,

 0.0000, 0.0000,

161.6362, 277.6563

0.2989

254.6378,
199.9364, 333.6025

■ 0.0000, 0.0000,
0.0000

■ 32.4915, 18.5322,
48.3190

■ 32.4915, 18.5322,
48.3190

■ 31.4748, 16.6522,
47.5059

■ 33.8847, 21.1632,
49.2609

■ 30.7928, 15.4410,
46.8071

■ 35.6865, 24.6109,
50.3420

■ 30.3953, 14.7979,
46.2063

■ 37.9279, 28.9370,
51.5726

■ 30.2784, 14.6226,
45.9875

■ 40.6366, 34.1965,
52.9620

■ 43.8376, 40.4397,
54.5186

■ 47.5545, 47.7137,
56.2501

■ 51.8091, 56.0621,
58.1640

■ 56.6221, 65.5264,
60.2670

■ 62.0131, 76.1457,
62.5658

Harmonies

Analogous

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



25.3147, 18.5322, 78.9274



32.4915, 18.5322, 48.3190



35.5420, 18.5322, 20.7642

Triad

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



32.4915, 18.5322, 48.3190



17.8177, 18.5322, 0.7889



8.0339, 18.5322, 46.5424

Complementary

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



32.4915, 18.5322, 48.3190



22.1678, 39.2789, 12.3755

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.



7.0327, 18.5322, 19.6037



32.4915, 18.5322, 48.3190



11.6591, 18.5322, 1.5424

Square

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



32.4915, 18.5322, 48.3190



25.7643, 18.5322, 1.6493



8.1546, 18.5322, 5.8579



11.3946, 18.5322, 77.4957

Rectangle

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



32.4915, 18.5322, 48.3190



34.3252, 18.5322, 9.7080



8.1546, 18.5322, 5.8579



7.4591, 18.5322, 36.3197

Sweetspot

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



32.4922, 18.5331, 48.3194



76.8960, 68.3257, 97.5672



13.8764, 8.8610, 50.8490



16.1476, 13.9772, 20.7611



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.4922, 18.5331, 48.3194



56.4512, 29.1298, 85.5310



27.2844, 16.4499, 20.8956



10.4761, 10.2390, 12.5975



20.3821, 9.8426, 30.9880



0.8871, 0.4278, 1.3728

Inverse Universe

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



32.4922, 18.5331, 48.3194



56.4512, 29.1298, 85.5310



25.2457, 40.5101, 28.5837



10.4761, 10.2390, 12.5975



20.3821, 9.8426, 30.9880



0.8871, 0.4278, 1.3728

Previews

White Background



This preview shows how the XYZ color 32.4915, 18.5322, 48.3190 looks on a white background.

Color Contrast Check

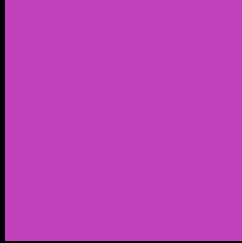
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4915, 18.5322, 48.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

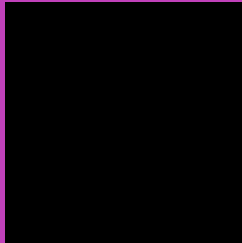
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.4915, 18.5322, 48.3190

Background



This preview shows how black text looks on a background with the XYZ color 32.4915, 18.5322, 48.3190.



This preview shows how white text looks on a background with the XYZ color 32.4915, 18.5322,

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

32.4915, 18.5322, 48.3190

Protanopia

22.3186, 19.0778, 79.5969

Deuteranopia

19.2520, 18.8009, 44.2092



Tritanopia

25.3232, 18.4812, 13.7878

Trichromacy



Original Color

32.4915, 18.5322, 48.3190



Protanomaly

22.1489, 16.3320, 66.9508



Deuteranomaly

21.9060, 16.9648, 45.3000



Tritanomaly

27.2963, 18.0854, 23.1713

Monochromacy



Original Color

32.4915, 18.5322, 48.3190



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

20.7518, 16.6177, 27.7050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4915, 18.5322, 48.3190 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(192, 65, 186)` looks like.

```
.text, #text, p{  
  color:rgb(192, 65, 186)  
}
```

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(192, 65, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 65, 186) }
```

Border

The CSS property to change the border of an element to XYZ 32.4915, 18.5322, 48.3190 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(192, 65, 186) }
```


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

```
.border{ border-color:rgb(192, 65, 186) }
```

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

Here you see how a box with a 4 pixel rgb(192, 65, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 65, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 65, 186);  
box-shadow:4px 4px 4px 4px rgb(192, 65,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4915, 18.5322, 48.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 65, 186) }
```

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

```
.background{ background-color: rgb(192, 65,  
186) }
```

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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