

Converting Colors

XYZ(32.5165, 17.6455, 47.4808)

Have a look what the booklet for
XYZ(32.5165, 17.6455, 47.4808)
contains.

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Color

**XYZ(32.5357, 17.6511,
47.5911)**

Conversions

Conversions Part 1

Format	Color
Hex	C335B9
RGB	195, 53, 185
RGB Percent	76%, 21%, 73%
CMY	0.2353, 0.7921, 0.2745
CMYK	0.00, 0.73, 0.05, 0.24
HSL	304°, 57%, 49%
HSV	304°, 73%, 76%
XYZ	32.5357, 17.6511, 47.5911
YIQ	110.5060, 42.2600, 71.1560

Conversions

Conversions Part 2

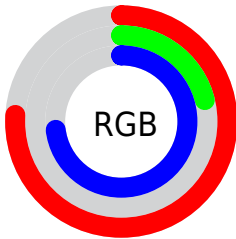
Format	Color
R _Y B	195, 53, 185
Decimal	12793273
CIE Lab	49.07, 69.29, -39.59
CIE LCh	49, 79.804, 330.257
Yxy	17.6511, 0.3328, 0.1805
Android (android.graphics.Color)	4290983353 (0xFFC335B9)
YUV	110.5060, 36.7255, 74.1012
Hunter-Lab	42.0132, 64.7101, -37.7524

Details

The XYZ color **32.5357, 17.6511, 47.5911** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **21.8813, 40.1467, 11.2997**, and the grayscale version is **14.8567, 15.6304, 17.0215**.

A 20% lighter version of the original color is **63.1721, 39.4811, 88.2955**, and **14.4133, 6.9571, 22.0559** is the 20% darker color. If you saturate the color by 10%, you get **31.6766, 16.1634, 46.5930**, and if you desaturate by 10%, it is **33.7590, 19.8640, 48.7178**.

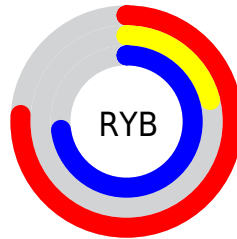
Distribution



Red (76%)

Green (21%)

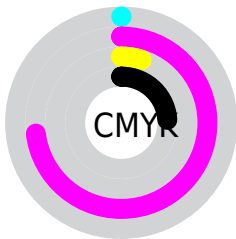
Blue (73%)



Red (76%)

Yellow (21%)

Blue (73%)

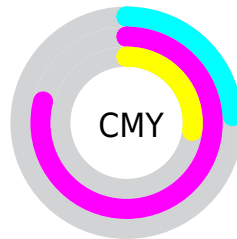


Cyan (0%)

Magenta (73%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (79%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5357, 17.6511, 47.5911 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 32.5357, 17.6511, 47.5911 by changing the saturation by 10% instead.

■ 32.5357, 17.6511,
47.5911

■ 32.5357, 17.6511,
47.5911

305.2545,
238.8971, 393.6309

■ 21.9285, 10.6998,
33.1455

■ 63.0095, 39.4419,
87.9545

■ 13.9207, 5.8653,
21.9659

■ 83.6068, 55.0502,
114.7093

■ 8.1469, 2.7634,
13.6338

■ 108.2650, 74.3129,
146.4044

■ 4.2417, 1.0095,
7.7306

■ 137.3492, 97.6145,
183.4581

■ 1.8397, 0.0000,
3.8377

■ 171.2249,
125.3393, 226.2891

■ 0.5414, 0.0000,
1.5368

210.2574,

■ 0.0000, 0.0000,

157.8717, 275.3158

0.2451

254.8122,
195.5962, 330.9569

■ 0.0000, 0.0000,
0.0000

■ 32.5357, 17.6511,
47.5911

■ 32.5357, 17.6511,
47.5911

■ 31.6766, 16.1634,
46.5930

■ 33.7590, 19.8640,
48.7178

■ 31.1328, 15.3044,
45.7067

■ 35.3836, 22.8778,
49.9851

■ 30.8738, 14.9494,
45.1182

■ 37.4443, 26.7616,
51.4047

■ 39.9716, 31.5763,
52.9868

■ 42.9933, 37.3774,
54.7407

■ 46.5347, 44.2158,
56.6748

■ 50.6198, 52.1392,
58.7972

■ 55.2708, 61.1923,
61.1153

■ 60.5089, 71.4170,
63.6361

Harmonies

Analogous

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



25.0768, 17.6511, 80.8701



32.5357, 17.6511, 47.5911



35.5584, 17.6511, 19.0355

Triad

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



32.5357, 17.6511, 47.5911



16.7126, 17.6511, 0.3356



7.1981, 17.6511, 48.1771

Complementary

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



32.5357, 17.6511, 47.5911



21.8813, 40.1467, 11.2997

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.



6.1445, 17.6511, 19.4037



32.5357, 17.6511, 47.5911



10.5460, 17.6511, 1.1017

Square

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



32.5357, 17.6511, 47.5911



24.9315, 17.6511, 1.0745



7.1616, 17.6511, 5.2078



10.6279, 17.6511, 81.3509

Rectangle

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



32.5357, 17.6511, 47.5911



34.1171, 17.6511, 8.2290



7.1616, 17.6511, 5.2078



6.6091, 17.6511, 37.2037

Sweetspot

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



32.5364, 17.6519, 47.5914



77.2811, 67.4824, 98.1978



13.1403, 7.5266, 52.3905



16.5732, 14.1032, 21.3061



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.



32.5364, 17.6519, 47.5914



56.1302, 27.9706, 82.5470



26.8474, 15.3763, 17.6336



10.4657, 10.2349, 12.5428



20.0791, 9.7214, 29.3925



0.8769, 0.4238, 1.3192

Inverse Universe

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



32.5364, 17.6519, 47.5914



56.1302, 27.9706, 82.5470



25.2501, 41.4942, 29.0395



10.4657, 10.2349, 12.5428



20.0791, 9.7214, 29.3925



0.8769, 0.4238, 1.3192

Previews

White Background



This preview shows how the XYZ color 32.5357, 17.6511, 47.5911 looks on a white background.

Color Contrast Check

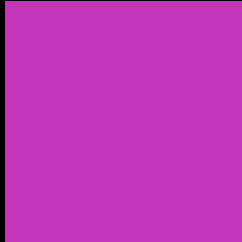
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.5357, 17.6511, 47.5911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

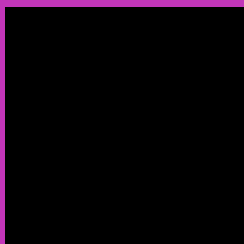
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.5357, 17.6511, 47.5911

Background



This preview shows how black text looks on a background with the XYZ color 32.5357, 17.6511, 47.5911.



This preview shows how white text looks on a background with the XYZ color 32.5357, 17.6511,

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

32.5357, 17.6511, 47.5911

Protanopia

21.8144, 18.1949, 84.8003

Deuteranopia

18.5121, 18.0813, 43.5886



Tritanopia

25.1444, 17.5666, 11.9630

Trichromacy



Original Color

32.5357, 17.6511, 47.5911



Protanomaly

19.9676, 14.3550, 69.4285



Deuteranomaly

21.1926, 15.9272, 44.6051



Tritanomaly

27.0705, 17.0646, 21.2691

Monochromacy



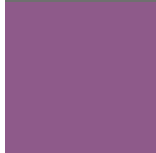
Original Color

32.5357, 17.6511, 47.5911



Achromatopsia

15.1092, 15.8961, 17.3108



Achromatomaly

19.3989, 14.8981, 25.8979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5357, 17.6511, 47.5911 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(195, 53, 185)` looks like.

```
.text, #text, p{  
    color:rgb(195, 53, 185)  
}
```

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(195, 53, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 53, 185) }
```

Border

The CSS property to change the border of an element to XYZ 32.5357, 17.6511, 47.5911 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(195, 53, 185) }
```


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

```
.border{ border-color:rgb(195, 53, 185) }
```

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

Here you see how a box with a 4 pixel rgb(195, 53, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 53, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 53, 185);  
box-shadow:4px 4px 4px 4px rgb(195, 53,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5357, 17.6511, 47.5911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 53, 185) }
```

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

```
.background{ background-color: rgb(195, 53,  
185) }
```

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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