

Converting Colors

XYZ(32.6453, 16.6341, 18.3792)

Have a look what the booklet for
XYZ(32.6453, 16.6341, 18.3792)
contains.

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Color

**XYZ(32.5440, 16.5838,
18.3153)**

Conversions

Conversions Part 1

Format	Color
Hex	DB0B75
RGB	219, 11, 117
RGB Percent	86%, 4%, 46%
CMY	0.1412, 0.9567, 0.5412
CMYK	0.00, 0.95, 0.47, 0.14
HSL	329°, 90%, 45%
HSV	329°, 95%, 86%
XYZ	32.5440, 16.5838, 18.3153
YIQ	85.2760, 89.9420, 77.0620

Conversions

Conversions Part 2

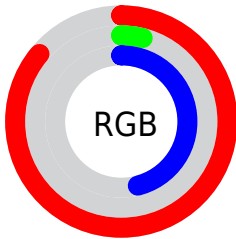
Format	Color
R_{YB}	219, 11, 117
Decimal	14355317
CIE _{Lab}	47.73, 75.09, -0.52
CIE _{LCh}	48, 75.093, 359.602
Yxy	16.5838, 0.4825, 0.2459
Android (android.graphics.Color)	4292545397 (0xFFDB0B75)
YUV	85.2760, 15.6399, 117.2759
Hunter-Lab	40.7232, 71.3829, 1.8405

Details

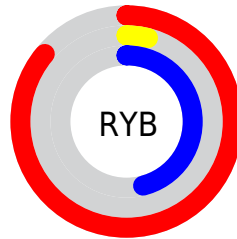
The XYZ color **32.5440, 16.5838, 18.3153** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **28.4532, 51.9277, 24.1594**, and the grayscale version is **8.6526, 9.1032, 9.9134**.

A 20% lighter version of the original color is **52.4041, 32.1300, 40.9758**, and **14.9788, 7.5978, 6.3073** is the 20% darker color. If you saturate the color by 10%, you get **32.1148, 16.2206, 16.6460**, and if you desaturate by 10%, it is **33.6350, 17.6964, 21.9761**.

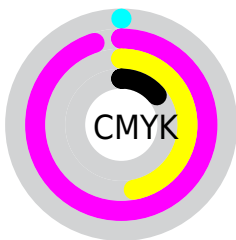
Distribution



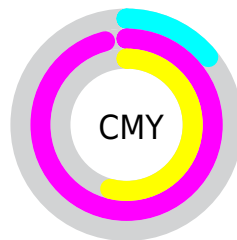
- Red (86%)
- Green (4%)
- Blue (46%)



- Red (86%)
- Yellow (4%)
- Blue (46%)



- Cyan (0%)
- Magenta (95%)
- Yellow (47%)
- Black (14%)





- Cyan (14%)
- Magenta (96%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5440, 16.5838, 18.3153 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 32.5440, 16.5838, 18.3153 by changing the saturation by 10% instead.

 32.5440, 16.5838,
18.3153


 32.5440, 16.5838,
18.3153


305.2914,
232.7624, 254.9378

 21.9349, 9.9382,
11.0048


 63.0224, 37.6088,
41.3950


 13.9254, 5.3580,
5.9559


 83.6224, 52.7570,
58.0014


 8.1502, 2.4588,
2.7499


 108.2835, 71.5081,
78.5434

 4.2438, 0.8559,
0.9684

 137.3709, 94.2466,
103.4396

 1.8410, 0.0000,
0.0000

 171.2500,
121.3569, 133.1087

 0.5422, 0.0000,
0.0000

 210.2862,

 0.0000, 0.0000,

153.2234, 167.9690

0.0000

254.8449,
190.2304, 208.4392

■ 32.5440, 16.5838,
18.3153

■ 32.5440, 16.5838,
18.3153

■ 32.1148, 16.2206,
16.6460

■ 33.6350, 17.6964,
21.9761

■ 35.1947, 19.6267,
26.1621

■ 37.2922, 22.5093,
30.9074

■ 39.9839, 26.4535,
36.2412

■ 43.3185, 31.5536,
42.1900

■ 47.3395, 37.8934,
48.7778

■ 52.0863, 45.5488,
56.0274

■ 57.5955, 54.5897,
63.9598

■ 63.9007, 65.0809,
72.5952

Harmonies

Analogous

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



29.7474, 16.5838, 44.0139



32.5440, 16.5838, 18.3153



29.8847, 16.5838, 5.2485

Triad

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



32.5440, 16.5838, 18.3153



10.2005, 16.5838, 1.2066



10.0846, 16.5838, 72.5088

Complementary

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



32.5440, 16.5838, 18.3153



28.4532, 51.9277, 24.1594

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.



6.9828, 16.5838, 43.2122



32.5440, 16.5838, 18.3153



7.0351, 16.5838, 5.0555

Square

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



32.5440, 16.5838, 18.3153



15.8524, 16.5838, 0.5036



6.0477, 16.5838, 17.8010



15.6728, 16.5838, 86.1383

Rectangle

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



32.5440, 16.5838, 18.3153



25.7118, 16.5838, 1.9913



6.0477, 16.5838, 17.8010



8.7814, 16.5838, 63.4693

Sweetspot

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



32.5444, 16.5848, 18.3156



71.2130, 60.5412, 75.6279



19.5321, 8.7706, 67.6812



14.6229, 11.9600, 15.2383



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.



32.5444, 16.5848, 18.3156



45.2642, 22.8697, 23.1214



29.4163, 15.3335, 1.8431



13.3315, 13.1617, 15.0070



19.0981, 9.6403, 10.1627



1.2808, 0.6419, 0.8875

Inverse Universe

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



32.5444, 16.5848, 18.3156



45.2642, 22.8697, 23.1214



37.8046, 55.6682, 73.4028



13.3315, 13.1617, 15.0070



19.0981, 9.6403, 10.1627



1.2808, 0.6419, 0.8875

Previews

White Background



This preview shows how the XYZ color 32.5440, 16.5838, 18.3153 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 32.5440, 16.5838, 18.3153 looks on a black 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

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

XYZ 32.5440, 16.5838, 18.3153

Background



This preview shows how black text looks on a background with the XYZ color 32.5440, 16.5838, 18.3153.



This preview shows how white text looks on a background with the XYZ color 32.5440, 16.5838,

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

32.5440, 16.5838, 18.3153

Protanopia

17.7969, 17.1242, 39.4131

Deuteranopia

17.2933, 17.0408, 16.5651



Tritanopia

29.8689, 16.8454, 4.4735

Trichromacy



Original Color

32.5440, 16.5838, 18.3153



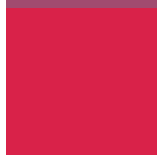
Protanomaly

18.9938, 13.0015, 29.9422



Deuteranomaly

20.0833, 13.7569, 16.6358



Tritanomaly

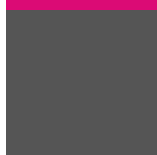
30.3899, 16.3768, 7.8626

Monochromacy



Original Color

32.5440, 16.5838, 18.3153



Achromatopsia

8.6345, 9.0842, 9.8927



Achromatomaly

13.5022, 8.9575, 12.3266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5440, 16.5838, 18.3153 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(219, 11, 117)` looks like.

```
.text, #text, p{  
    color:rgb(219, 11, 117)  
}
```

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(219, 11, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 11, 117) }
```

Border

The CSS property to change the border of an element to XYZ 32.5440, 16.5838, 18.3153 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(219, 11, 117) }
```


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

```
.border{ border-color:rgb(219, 11, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 11, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 11, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 11, 117);  
box-shadow:4px 4px 4px 4px rgb(219, 11,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5440, 16.5838, 18.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 11, 117) }
```

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

```
.background{ background-color: rgb(219, 11,  
117) }
```

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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