

Converting Colors

XYZ(32.1195, 16.5979, 19.9145)

Have a look what the booklet for
XYZ(32.1195, 16.5979, 19.9145)
contains.

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Color

**XYZ(32.1382, 16.6169,
19.9259)**

Conversions

Conversions Part 1

Format	Color
Hex	D8177A
RGB	216, 23, 122
RGB Percent	85%, 9%, 48%
CMY	0.1529, 0.9097, 0.5216
CMYK	0.00, 0.89, 0.44, 0.15
HSL	329°, 81%, 47%
HSV	329°, 89%, 85%
XYZ	32.1382, 16.6169, 19.9259
YIQ	91.9930, 83.2490, 71.7050

Conversions

Conversions Part 2

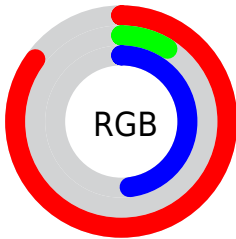
Format	Color
R_{YB}	216, 23, 122
Decimal	14161786
CIE _{Lab}	47.77, 73.45, -3.59
CIE _{LCh}	48, 73.537, 357.198
Yxy	16.6169, 0.4679, 0.2419
Android (android.graphics.Color)	4292351866 (0xFFD8177A)
YUV	91.9930, 14.7935, 108.7541
Hunter-Lab	40.7638, 69.3927, -0.4471

Details

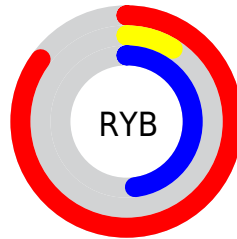
The XYZ color **32.1382, 16.6169, 19.9259** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **28.1221, 50.5791, 25.1178**, and the grayscale version is **10.1277, 10.6551, 11.6034**.

A 20% lighter version of the original color is **53.1547, 32.8654, 43.5865**, and **14.7536, 7.4630, 7.1415** is the 20% darker color. If you saturate the color by 10%, you get **31.2300, 15.7881, 16.5790**, and if you desaturate by 10%, it is **33.4437, 18.1275, 23.7538**.

Distribution



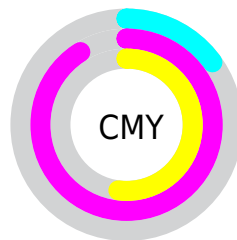
- Red (85%)
- Green (9%)
- Blue (48%)



- Red (85%)
- Yellow (9%)
- Blue (48%)



- Cyan (0%)
- Magenta (89%)
- Yellow (44%)
- Black (15%)





- Cyan (15%)
- Magenta (91%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1382, 16.6169, 19.9259 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 32.1382, 16.6169, 19.9259 by changing the saturation by 10% instead.

 32.1382, 16.6169,
19.9259


 32.1382, 16.6169,
19.9259

303.4824,
232.9549, 264.1046

 21.6231, 9.9617,
12.1576


 62.3914, 37.6659,
44.1503

 13.6953, 5.3736,
6.7273


 82.8603, 52.8285,
61.4434


 7.9893, 2.4681,
3.2163

 107.3778, 71.5958,
82.7487

 4.1399, 0.8606,
1.2061

 136.3093, 94.3520,
108.4845

 1.7816, 0.0000,
0.0000

 170.0202,
121.4817, 139.0695

 0.5065, 0.0000,
0.0000

 208.8757,

 0.0000, 0.0000,

153.3691, 174.9221

0.0000

253.2414,
190.3987, 216.4610

■ 32.1382, 16.6169,
19.9259

■ 32.1382, 16.6169,
19.9259

■ 31.2300, 15.7881,
16.5790

■ 33.4437, 18.1275,
23.7538

■ 31.1763, 15.7419,
16.3722

■ 35.2415, 20.5062,
28.1045

■ 37.5908, 23.8683,
33.0080

■ 40.5416, 28.3106,
38.4906

■ 44.1380, 33.9180,
44.5764

■ 48.4195, 40.7671,
51.2875

■ 53.4226, 48.9277,
58.6449

■ 59.1809, 58.4645,
66.6681

■ 65.7261, 69.4379,
75.3759

Harmonies

Analogous

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



29.0235, 16.6169, 45.7440



32.1382, 16.6169, 19.9259



29.9630, 16.6169, 6.0558

Triad

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



32.1382, 16.6169, 19.9259



10.6798, 16.6169, 1.2033



9.8743, 16.6169, 68.9736

Complementary

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



32.1382, 16.6169, 19.9259



28.1221, 50.5791, 25.1178

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.



6.9897, 16.6169, 40.2743



32.1382, 16.6169, 19.9259



7.3557, 16.6169, 4.6919

Square

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



32.1382, 16.6169, 19.9259



16.4215, 16.6169, 0.6236



6.2151, 16.6169, 16.3761



15.1824, 16.6169, 83.9641

Rectangle

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



32.1382, 16.6169, 19.9259



26.0666, 16.6169, 2.3902



6.2151, 16.6169, 16.3761



8.6520, 16.6169, 59.9352

Sweetspot

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



32.1387, 16.6179, 19.9262



71.9434, 61.6862, 76.8450



19.9435, 9.3050, 65.7106



14.8979, 12.3932, 15.6901



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.



32.1387, 16.6179, 19.9262



45.3223, 22.8929, 23.4273



28.8149, 15.2884, 2.4237



12.6865, 12.5261, 14.2891



18.5080, 9.3395, 9.9791



1.1581, 0.5800, 0.8219

Inverse Universe

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



32.1387, 16.6179, 19.9262



45.3223, 22.8929, 23.4273



36.8926, 54.0873, 71.3024



12.6865, 12.5261, 14.2891



18.5080, 9.3395, 9.9791



1.1581, 0.5800, 0.8219

Previews

White Background



This preview shows how the XYZ color 32.1382, 16.6169, 19.9259 looks on a white background.

Color Contrast Check

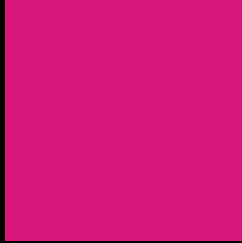
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1382, 16.6169, 19.9259 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 32.1382, 16.6169, 19.9259

Background



This preview shows how black text looks on a background with the XYZ color 32.1382, 16.6169, 19.9259.



This preview shows how white text looks on a background with the XYZ color 32.1382, 16.6169,

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

32.1382, 16.6169, 19.9259

Protanopia

18.0640, 17.2071, 41.9044

Deuteranopia

17.2693, 16.9968, 17.9933



Tritanopia

29.0220, 16.7101, 5.0639

Trichromacy



Original Color

32.1382, 16.6169, 19.9259



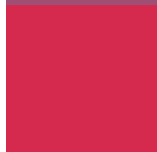
Protanomaly

19.1826, 13.4737, 32.1615



Deuteranomaly

20.2464, 14.2238, 18.2014



Tritanomaly

29.6087, 16.2821, 8.7899

Monochromacy



Original Color

32.1382, 16.6169, 19.9259



Achromatopsia

10.1725, 10.7023, 11.6548



Achromatomaly

14.7719, 10.3119, 14.0438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1382, 16.6169, 19.9259 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(216, 23, 122)` looks like.

```
.text, #text, p{  
    color:rgb(216, 23, 122)  
}
```

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(216, 23, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 23, 122) }
```

Border

The CSS property to change the border of an element to XYZ 32.1382, 16.6169, 19.9259 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(216, 23, 122) }
```


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

```
.border{ border-color:rgb(216, 23, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 23, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 23, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 23, 122);  
box-shadow:4px 4px 4px 4px rgb(216, 23,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1382, 16.6169, 19.9259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 23, 122) }
```

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

```
.background{ background-color: rgb(216, 23,  
122) }
```

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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