

Converting Colors

XYZ(32.1393, 19.8542, 18.5014)

Have a look what the booklet for
XYZ(32.1393, 19.8542, 18.5014)
contains.

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Color

**XYZ(32.1216, 19.8370,
18.3556)**

Conversions

Conversions Part 1

Format	Color
Hex	D24A73
RGB	210, 74, 115
RGB Percent	82%, 29%, 45%
CMY	0.1765, 0.7098, 0.5490
CMYK	0.00, 0.65, 0.45, 0.18
HSL	342°, 60%, 56%
HSV	342°, 65%, 82%
XYZ	32.1216, 19.8370, 18.3556
YIQ	119.3380, 67.8950, 41.5830

Conversions

Conversions Part 2

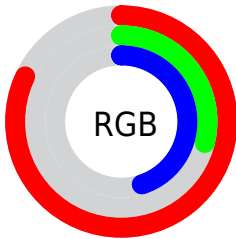
Format	Color
R_{YB}	210, 74, 115
Decimal	13781619
CIE _{Lab}	51.65, 56.67, 6.16
CIE _{LCh}	52, 57.004, 6.202
Yxy	19.8370, 0.4568, 0.2821
Android (android.graphics.Color)	4291971699 (0xFFD24A73)
YUV	119.3380, -2.1386, 79.5106
Hunter-Lab	44.5387, 50.7924, 6.7421

Details

The XYZ color **32.1216, 19.8370, 18.3556** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **33.0333, 50.4140, 45.5296**, and the grayscale version is **17.6341, 18.5525, 20.2037**.

A 20% lighter version of the original color is **56.1977, 40.0153, 41.3210**, and **13.5908, 6.8893, 5.9236** is the 20% darker color. If you saturate the color by 10%, you get **30.1680, 17.1751, 13.8658**, and if you desaturate by 10%, it is **34.6784, 23.4904, 23.7097**.

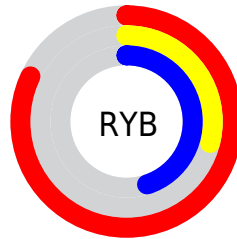
Distribution



Red (82%)

Green (29%)

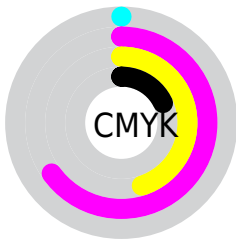
Blue (45%)



Red (82%)

Yellow (29%)

Blue (45%)

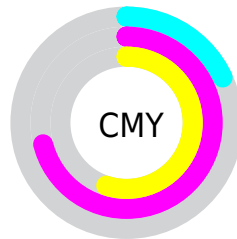


Cyan (0%)

Magenta (65%)

Yellow (45%)

Black (18%)



Cyan (18%)


Magenta (71%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1216, 19.8370, 18.3556 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 32.1216, 19.8370, 18.3556 by changing the saturation by 10% instead.


 32.1216, 19.8370,
18.3556


 32.1216, 19.8370,
18.3556


303.4083,
251.0313, 255.1709


 21.6104, 12.2766,
11.0335


 62.3656, 43.1437,
41.4644


 13.6859, 6.9324,
5.9749


 82.8291, 59.6589,
58.0882


 7.9828, 3.4198,
2.7613


 107.3407, 79.9277,
78.6497

 4.1356, 1.3546,
0.9741

 136.2658,
104.3347, 103.5674

 1.7792, 0.1829,
0.0000

 169.9697,
133.2641, 133.2598

 0.5051, 0.0000,
0.0000

208.8179,

 0.0000, 0.0000,

167.1004, 168.1455

0.0000

253.1756,
206.2280, 208.6430

■ 32.1216, 19.8370,
18.3556

■ 32.1216, 19.8370,
18.3556

■ 30.1680, 17.1751,
13.8658

■ 34.6784, 23.4904,
23.7097

■ 28.7611, 15.4015,
10.1895

■ 37.8847, 28.2183,
29.9721

■ 27.8350, 14.3959,
7.2713

■ 41.7840, 34.0988,
37.1850

■ 27.4839, 14.0638,
6.0128

■ 46.4153, 41.2016,
45.3875

■ 51.8149, 49.5910,
54.6161

■ 58.0163, 59.3267,
64.9058

■ 65.0512, 70.4645,
76.2895

■ 72.9494, 83.0573,
88.7989

■ 79.1313, 91.9388,
101.5949

Harmonies

Analogous

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



30.8889, 19.8370, 37.0628



32.1216, 19.8370, 18.3556



29.2585, 19.8370, 7.7749

Triad

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



32.1216, 19.8370, 18.3556



13.0488, 19.8370, 4.7982



14.7354, 19.8370, 65.4606

Complementary

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



32.1216, 19.8370, 18.3556



33.0333, 50.4140, 45.5296

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.



11.2654, 19.8370, 46.2207



32.1216, 19.8370, 18.3556



10.4391, 19.8370, 11.1752

Square

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



32.1216, 19.8370, 18.3556



17.6850, 19.8370, 2.9357



9.8599, 19.8370, 25.2039



20.0744, 19.8370, 70.8531

Rectangle

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



32.1216, 19.8370, 18.3556



25.6984, 19.8370, 4.5242



9.8599, 19.8370, 25.2039



13.3483, 19.8370, 60.0482

Sweetspot

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



32.1221, 19.8381, 18.3559



76.5157, 70.8966, 78.1661



30.0049, 17.7603, 62.8192



15.8657, 14.3805, 15.8534



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.



32.1221, 19.8381, 18.3559



45.8146, 25.3603, 19.0201



32.2707, 23.1084, 9.2396



11.9533, 11.8661, 13.0300



16.8040, 8.5944, 3.8742



0.9747, 0.4946, 0.4016

Inverse Universe

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



32.1221, 19.8381, 18.3559



45.8146, 25.3603, 19.0201



31.8207, 40.8356, 67.1775



11.9533, 11.8661, 13.0300



16.8040, 8.5944, 3.8742



0.9747, 0.4946, 0.4016

Previews

White Background



This preview shows how the XYZ color 32.1216, 19.8370, 18.3556 looks on a white background.

Color Contrast Check

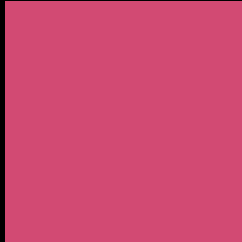
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1216, 19.8370, 18.3556 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 32.1216, 19.8370, 18.3556

Background



This preview shows how black text looks on a background with the XYZ color 32.1216, 19.8370, 18.3556.



This preview shows how white text looks on a background with the XYZ color 32.1216, 19.8370,

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

32.1216, 19.8370, 18.3556

Protanopia

19.7866, 20.1422, 28.8316

Deuteranopia

20.2881, 19.9391, 16.9667



Tritanopia

30.5208, 19.8031, 10.8081

Trichromacy



Original Color

32.1216, 19.8370, 18.3556

Protanomaly

22.4221, 18.5689, 24.5927

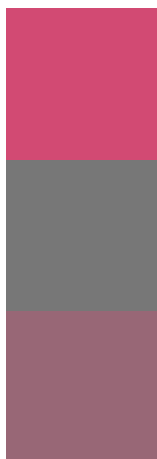
Deuteranomaly

23.4454, 18.9552, 17.4619

Tritanomaly

31.1302, 19.8486, 13.2568

Monochromacy



Original Color

32.1216, 19.8370, 18.3556

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

21.0692, 17.6839, 19.4424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1216, 19.8370, 18.3556 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(210, 74, 115)` looks like.

```
.text, #text, p{  
    color:rgb(210, 74, 115)  
}
```

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(210, 74, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 74, 115) }
```

Border

The CSS property to change the border of an element to XYZ 32.1216, 19.8370, 18.3556 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(210, 74, 115) }
```


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

```
.border{ border-color:rgb(210, 74, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 74, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 74, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 74, 115);  
box-shadow:4px 4px 4px 4px rgb(210, 74,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1216, 19.8370, 18.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 74, 115) }
```

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

```
.background{ background-color: rgb(210, 74,  
115) }
```

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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