

Converting Colors

XYZ(32.9435, 19.4267, 19.5604)

Have a look what the booklet for
XYZ(32.9435, 19.4267, 19.5604)
contains.

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Color

**XYZ(32.9516, 19.4086,
19.4623)**

Conversions

Conversions Part 1

Format	Color
Hex	D64177
RGB	214, 65, 119
RGB Percent	84%, 25%, 47%
CMY	0.1608, 0.7451, 0.5333
CMYK	0.00, 0.70, 0.44, 0.16
HSL	338°, 65%, 55%
HSV	338°, 70%, 84%
XYZ	32.9516, 19.4086, 19.4623
YIQ	115.7070, 71.4700, 48.3820

Conversions

Conversions Part 2

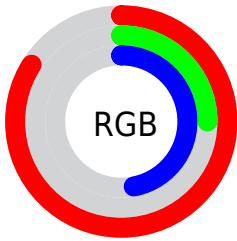
Format	Color
R_{YB}	214, 65, 119
Decimal	14041463
CIE _{Lab}	51.16, 61.76, 3.14
CIE _{LCh}	51, 61.838, 2.906
Yxy	19.4086, 0.4588, 0.2702
Android (android.graphics.Color)	4292231543 (0xFFD64177)
YUV	115.7070, 1.6234, 86.2030
Hunter-Lab	44.0552, 56.4146, 4.6460

Details

The XYZ color **32.9516, 19.4086, 19.4623** 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 **32.5730, 51.7555, 41.5346**, and the grayscale version is **16.4918, 17.3506, 18.8949**.

A 20% lighter version of the original color is **55.6736, 38.3662, 42.9992**, and **14.4638, 7.3250, 6.6128** is the 20% darker color. If you saturate the color by 10%, you get **31.1858, 17.0957, 15.1168**, and if you desaturate by 10%, it is **35.3012, 22.7009, 24.5833**.

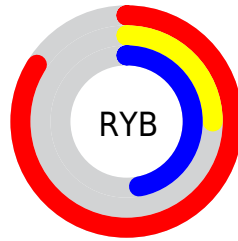
Distribution



Red (84%)

Green (25%)

Blue (47%)



Red (84%)

Yellow (25%)

Blue (47%)

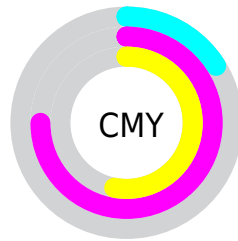


Cyan (0%)

Magenta (70%)

Yellow (44%)

Black (16%)



Cyan (16%)


Magenta (75%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9516, 19.4086, 19.4623 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 32.9516, 19.4086, 19.4623 by changing the saturation by 10% instead.


 32.9516, 19.4086,
19.4623


 32.9516, 19.4086,
19.4623


307.1004,
248.6953, 261.4964


 22.2484, 11.9659,
11.8246


 63.6551, 42.4234,
43.3609


 14.1572, 6.7205,
6.5033


 84.3862, 58.7643,
60.4589


 8.3125, 3.2879,
3.0798

 109.1906, 78.8400,
81.5474

 4.3490, 1.2838,
1.1355

 138.4338,
103.0350, 107.0449

 1.9014, 0.1286,
0.0000

 172.4810,
131.7336, 137.3700

 0.5777, 0.0000,
0.0000

211.6976,

 0.0000, 0.0000,

165.3203, 172.9413

0.0000

256.4489,
204.1794, 214.1773

■ 32.9516, 19.4086,
19.4623

■ 32.9516, 19.4086,
19.4623

■ 31.1858, 17.0957,
15.1168

■ 35.3012, 22.7009,
24.5833

■ 29.9415, 15.6456,
11.5008

■ 38.2849, 27.0654,
30.5191


■ 29.1178, 14.8647,
8.5545


■ 41.9488, 32.5876,
37.3073


■ 29.0905, 14.8397,
8.4545


■ 46.3344, 39.3434,
44.9823

■ 51.4796, 47.4021,
53.5767

 57.4194, 56.8281,
63.1212

 64.1869, 67.6812,
73.6450

 71.8131, 80.0178,
85.1759

 79.4893, 92.2152,
97.4613

Harmonies

Analogous

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



31.0999, 19.4086, 40.6072



32.9516, 19.4086, 19.4623



30.2587, 19.4086, 7.5599

Triad

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



32.9516, 19.4086, 19.4623



12.7415, 19.4086, 3.5477



13.5699, 19.4086, 67.8742

Complementary

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



32.9516, 19.4086, 19.4623



32.5730, 51.7555, 41.5346

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.



10.1958, 19.4086, 45.3776



32.9516, 19.4086, 19.4623



9.7975, 19.4086, 9.1592

Square

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



32.9516, 19.4086, 19.4623



17.8544, 19.4086, 2.1476



8.9805, 19.4086, 22.8960



19.0531, 19.4086, 76.1853

Rectangle

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



32.9516, 19.4086, 19.4623



26.5352, 19.4086, 3.9973



8.9805, 19.4086, 22.8960



12.1965, 19.4086, 61.2748

Sweetspot

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



32.9521, 19.4097, 19.4626



75.2636, 68.4562, 77.5523



28.3999, 16.0455, 65.2184



15.6389, 13.9132, 15.8198



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.



32.9521, 19.4097, 19.4626



45.3212, 24.1501, 19.5441



31.9245, 21.1551, 7.4032



12.6074, 12.4944, 13.8727



17.6290, 8.9879, 5.3506



1.1024, 0.5577, 0.5284

Inverse Universe

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



32.9521, 19.4097, 19.4626



45.3212, 24.1501, 19.5441



33.6399, 44.6226, 70.4582



12.6074, 12.4944, 13.8727



17.6290, 8.9879, 5.3506



1.1024, 0.5577, 0.5284

Previews

White Background



This preview shows how the XYZ color 32.9516, 19.4086, 19.4623 looks on a white background.

Color Contrast Check

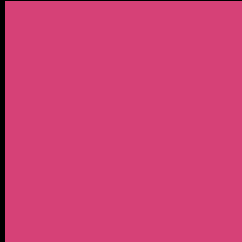
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9516, 19.4086, 19.4623 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 32.9516, 19.4086, 19.4623

Background



This preview shows how black text looks on a background with the XYZ color 32.9516, 19.4086, 19.4623.



This preview shows how white text looks on a background with the XYZ color 32.9516, 19.4086,

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

32.9516, 19.4086, 19.4623

Protanopia

19.5751, 19.5866, 32.4546

Deuteranopia

19.8843, 19.5300, 18.0509



Tritanopia

30.7240, 19.3110, 9.5052

Trichromacy



Original Color

32.9516, 19.4086, 19.4623

Protanomaly

22.1498, 17.7801, 27.0754

Deuteranomaly

23.2822, 18.2685, 18.5187

Tritanomaly

31.4250, 19.3117, 12.6609

Monochromacy



Original Color

32.9516, 19.4086, 19.4623

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

20.4345, 16.5091, 18.9392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9516, 19.4086, 19.4623 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(214, 65, 119)` looks like.

```
.text, #text, p{  
    color:rgb(214, 65, 119)  
}
```

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(214, 65, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 65, 119) }
```

Border

The CSS property to change the border of an element to XYZ 32.9516, 19.4086, 19.4623 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(214, 65, 119) }
```


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

```
.border{ border-color:rgb(214, 65, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 65, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 65, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 65, 119); box-shadow:4px 4px 4px 4px rgb(214, 65, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9516, 19.4086, 19.4623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 65, 119) }
```

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

```
.background{ background-color: rgb(214, 65,  
119) }
```

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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