

Converting Colors

XYZ(34.3132, 19.2452, 23.3513)

Have a look what the booklet for
XYZ(34.3132, 19.2452, 23.3513)
contains.

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Color

**XYZ(34.3764, 19.2765,
23.3816)**

Conversions

Conversions Part 1

Format	Color
Hex	DA3783
RGB	218, 55, 131
RGB Percent	85%, 22%, 51%
CMY	0.1451, 0.7843, 0.4863
CMYK	0.00, 0.75, 0.40, 0.15
HSL	332°, 69%, 54%
HSV	332°, 75%, 85%
XYZ	34.3764, 19.2765, 23.3816
YIQ	112.4010, 72.7520, 58.1920

Conversions

Conversions Part 2

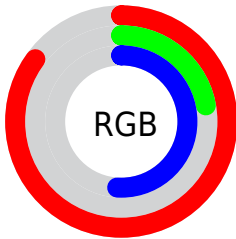
Format	Color
R_{YB}	218, 55, 131
Decimal	14301059
CIE _{Lab}	51.01, 67.41, -4.23
CIE _{LCh}	51, 67.541, 356.406
Yxy	19.2765, 0.4462, 0.2502
Android (android.graphics.Color)	4292491139 (0xFFDA3783)
YUV	112.4010, 9.1693, 92.6103
Hunter-Lab	43.9050, 62.9268, -0.8414

Details

The XYZ color **34.3764, 19.2765, 23.3816** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle muted rose. A complement of this color would be **31.5309, 52.9087, 34.1460**, and the grayscale version is **15.4792, 16.2853, 17.7347**.

A 20% lighter version of the original color is **56.1371, 37.2115, 49.5712**, and **15.6235, 7.8783, 8.6799** is the 20% darker color. If you saturate the color by 10%, you get **32.8149, 17.3456, 19.1861**, and if you desaturate by 10%, it is **36.4846, 22.1590, 28.1967**.

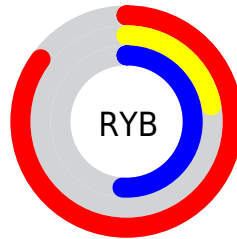
Distribution



Red (85%)

Green (22%)

Blue (51%)



Red (85%)

Yellow (22%)

Blue (51%)

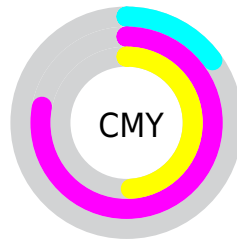


Cyan (0%)

Magenta (75%)

Yellow (40%)

Black (15%)



Cyan (15%)


Magenta (78%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3764, 19.2765, 23.3816 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 34.3764, 19.2765, 23.3816 by changing the saturation by 10% instead.


 34.3764, 19.2765,
23.3816


 34.3764, 19.2765,
23.3816


313.3636,
247.9710, 282.8641


 23.3472, 11.8702,
14.6676


 65.8590, 42.2008,
49.9503


 14.9722, 6.6554,
8.4424


 87.0430, 58.4876,
68.6420


 8.8860, 3.2475,
4.2875

 112.3428, 78.5034,
91.4967

 4.7234, 1.2623,
1.7844

 142.1235,
102.6326, 118.9330

 2.1190, 0.1117,
0.4176

 176.7506,
131.2596, 151.3693

 0.6995, 0.0000,
0.0000

216.5894,

 0.0000, 0.0000,

164.7687, 189.2243

0.0000

262.0053,
203.5443, 232.9164

■ 34.3764, 19.2765,
23.3816

■ 34.3764, 19.2765,
23.3816

■ 32.8149, 17.3456,
19.1861

■ 36.4846, 22.1590,
28.1967

■ 31.7302, 16.2312,
15.5721


■ 39.1941, 26.0978,
33.6628


■ 31.2938, 15.8576,
13.8876


■ 42.5541, 31.1873,
39.8097


■ 46.6082, 37.5104,
46.6644

■ 51.3960, 45.1424,
54.2522

 56.9539, 54.1522,
62.5970

 63.3158, 64.6042,
71.7213

 70.5136, 76.5586,
81.6466

 78.5774, 90.0721,
92.3935

Harmonies

Analogous

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



31.2492, 19.2765, 48.6544



34.3764, 19.2765, 23.3816



32.4133, 19.2765, 8.5053

Triad

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



34.3764, 19.2765, 23.3816



13.1793, 19.2765, 2.2692



12.0905, 19.2765, 69.0070

Complementary

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



34.3764, 19.2765, 23.3816



31.5309, 52.9087, 34.1460

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.



9.0524, 19.2765, 41.9852



34.3764, 19.2765, 23.3816



9.5653, 19.2765, 6.4993

Square

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



34.3764, 19.2765, 23.3816



19.1392, 19.2765, 1.5169



8.2547, 19.2765, 18.7651



17.5279, 19.2765, 83.3311

Rectangle

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



34.3764, 19.2765, 23.3816



28.6904, 19.2765, 4.0235



8.2547, 19.2765, 18.7651



10.8112, 19.2765, 60.5300

Sweetspot

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



34.3769, 19.2776, 23.3819



75.2386, 67.5001, 80.3369



25.1664, 13.5407, 67.6169



15.6648, 13.7399, 16.5228



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.



34.3769, 19.2776, 23.3819



45.7975, 23.6565, 24.1613



31.2425, 18.4598, 5.5323



13.3074, 13.1521, 14.8800



18.8015, 9.5216, 8.6007



1.2613, 0.6342, 0.7850

Inverse Universe

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



34.3769, 19.2776, 23.3819



45.7975, 23.6565, 24.1613



37.9166, 53.2455, 74.6087



13.3074, 13.1521, 14.8800



18.8015, 9.5216, 8.6007



1.2613, 0.6342, 0.7850

Previews

White Background



This preview shows how the XYZ color 34.3764, 19.2765, 23.3816 looks on a white background.

Color Contrast Check

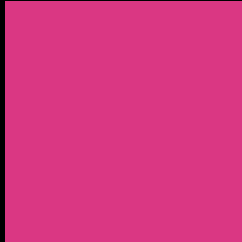
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3764, 19.2765, 23.3816 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 34.3764, 19.2765, 23.3816

Background



This preview shows how black text looks on a background with the XYZ color 34.3764, 19.2765, 23.3816.



This preview shows how white text looks on a background with the XYZ color 34.3764, 19.2765,

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

34.3764, 19.2765, 23.3816

Protanopia

20.2032, 19.5142, 42.2370

Deuteranopia

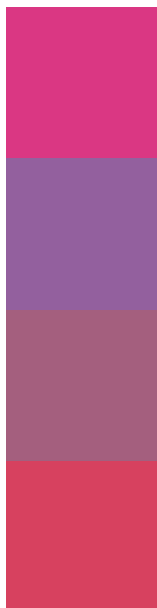
19.7265, 19.3735, 21.4386



Tritanopia

31.1577, 19.1709, 8.5367

Trichromacy



Original Color

34.3764, 19.2765, 23.3816

Protanomaly

22.3870, 17.0374, 34.4564

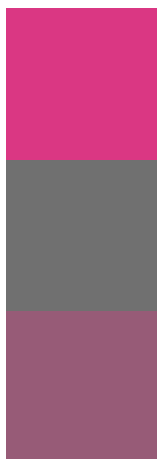
Deuteranomaly

23.1679, 17.5833, 21.9115

Tritanomaly

31.9802, 19.0539, 12.8187

Monochromacy



Original Color

34.3764, 19.2765, 23.3816

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

19.8334, 15.3934, 19.3787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3764, 19.2765, 23.3816 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(218, 55, 131)` looks like.

```
.text, #text, p{  
    color:rgb(218, 55, 131)  
}
```

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(218, 55, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 55, 131) }
```

Border

The CSS property to change the border of an element to XYZ 34.3764, 19.2765, 23.3816 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(218, 55, 131) }
```


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

```
.border{ border-color:rgb(218, 55, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 55, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 55, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 55, 131);  
box-shadow:4px 4px 4px 4px rgb(218, 55,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3764, 19.2765, 23.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 55, 131) }
```

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

```
.background{ background-color: rgb(218, 55,  
131) }
```

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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