

Converting Colors

XYZ(32.6816, 19.9857, 34.0598)

Have a look what the booklet for
XYZ(32.6816, 19.9857, 34.0598)
contains.

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Color

**XYZ(32.7576, 20.0207,
34.0362)**

Conversions

Conversions Part 1

Format	Color
Hex	C94C9D
RGB	201, 76, 157
RGB Percent	79%, 30%, 62%
CMY	0.2118, 0.7019, 0.3843
CMYK	0.00, 0.62, 0.22, 0.21
HSL	321°, 54%, 54%
HSV	321°, 62%, 79%
XYZ	32.7576, 20.0207, 34.0362
YIQ	122.6090, 48.4990, 51.6910

Conversions

Conversions Part 2

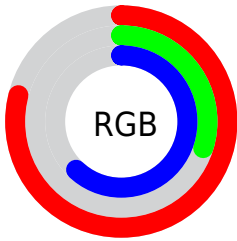
Format	Color
R _Y B	201, 76, 157
Decimal	13192349
CIE Lab	51.86, 58.06, -18.73
CIE LCh	52, 61.004, 342.116
Yxy	20.0207, 0.3773, 0.2306
Android (android.graphics.Color)	4291382429 (0xFFC94C9D)
YUV	122.6090, 16.9548, 68.7489
Hunter-Lab	44.7445, 52.3776, -13.7795

Details

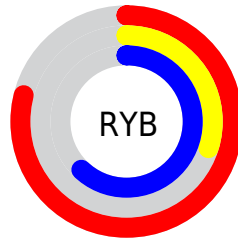
The XYZ color **32.7576, 20.0207, 34.0362** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **27.2583, 44.6664, 24.9562**, and the grayscale version is **18.6339, 19.6043, 21.3491**.

A 20% lighter version of the original color is **61.3749, 42.5160, 67.2589**, and **14.1574, 7.0784, 14.2558** is the 20% darker color. If you saturate the color by 10%, you get **30.9961, 17.4365, 30.5544**, and if you desaturate by 10%, it is **34.9878, 23.4859, 37.8472**.

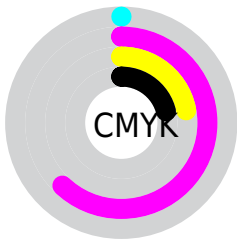
Distribution



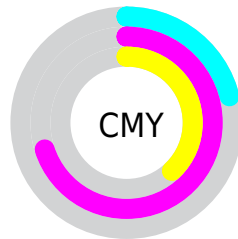
- Red (79%)
- Green (30%)
- Blue (62%)



- Red (79%)
- Yellow (30%)
- Blue (62%)



- Cyan (0%)
- Magenta (62%)
- Yellow (22%)
- Black (21%)



- Cyan (21%)
- Magenta (70%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7576, 20.0207, 34.0362 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 32.7576, 20.0207, 34.0362 by changing the saturation by 10% instead.

■ 32.7576, 20.0207,
34.0362

■ 32.7576, 20.0207,
34.0362

306.2404,
252.0272, 335.0675

■ 22.0992, 12.4101,
22.6438

■ 63.3541, 43.4519,
67.1245

■ 14.0468, 7.0236,
14.1279

■ 84.0229, 60.0413,
89.6575

■ 8.2351, 3.4769,
8.0699

■ 108.7592, 80.3923,
116.7411

■ 4.2988, 1.3855,
4.0513

■ 137.9283,
104.8895, 148.7939

■ 1.8726, 0.2060,
1.6535

■ 171.8956,
133.9172, 186.2344

■ 0.5608, 0.0000,
0.3286

211.0265,

■ 0.0000, 0.0000,

167.8598, 229.4811

0.0000

255.6863,
207.1016, 278.9527

■ 32.7576, 20.0207,
34.0362

■ 32.7576, 20.0207,
34.0362

■ 30.9961, 17.4365,
30.5544

■ 34.9878, 23.4859,
37.8472

■ 29.6590, 15.6462,
27.3837

■ 37.7219, 27.9021,
42.0014

■ 28.6963, 14.5507,
24.5045

■ 40.9936, 33.3359,
46.5130

■ 28.1332, 14.0358,
22.4318

■ 44.8333, 39.8468,
51.3949

■ 49.2688, 47.4899,
56.6589

■ 54.3262, 56.3164,
62.3163

■ 60.0299, 66.3743,
68.3778

■ 66.4030, 77.7091,
74.8536

■ 72.8560, 89.1410,
81.5495

Harmonies

Analogous

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



28.1826, 20.0207, 58.1364



32.7576, 20.0207, 34.0362



33.2050, 20.0207, 15.3968

Triad

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



32.7576, 20.0207, 34.0362



16.6378, 20.0207, 2.5681



11.4932, 20.0207, 53.5946

Complementary

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



32.7576, 20.0207, 34.0362



27.2583, 44.6664, 24.9562

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.



9.6006, 20.0207, 29.7681



32.7576, 20.0207, 34.0362



12.1091, 20.0207, 5.0271

Square

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



32.7576, 20.0207, 34.0362



22.9244, 20.0207, 2.7874



9.7985, 20.0207, 12.9152



15.6021, 20.0207, 73.0150

Rectangle

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



32.7576, 20.0207, 34.0362



30.9993, 20.0207, 8.2319



9.7985, 20.0207, 12.9152



10.6214, 20.0207, 45.4163

Sweetspot

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



32.7582, 20.0217, 34.0366



78.8685, 71.8377, 90.5557



20.8393, 13.3624, 56.7394



16.4324, 14.6072, 18.8377



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.



32.7582, 20.0217, 34.0366



52.1016, 28.5156, 50.1526



28.7268, 18.4091, 12.8076



10.9184, 10.7508, 12.5537



17.7338, 8.8431, 14.3401



0.8731, 0.4321, 0.8550

Inverse Universe

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



32.7582, 20.0217, 34.0366



52.1016, 28.5156, 50.1526



32.3372, 46.6980, 51.7015



10.9184, 10.7508, 12.5537



17.7338, 8.8431, 14.3401



0.8731, 0.4321, 0.8550

Previews

White Background



This preview shows how the XYZ color 32.7576, 20.0207, 34.0362 looks on a white background.

Color Contrast Check

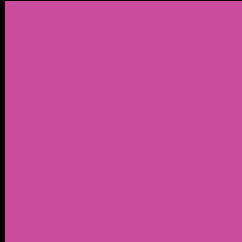
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7576, 20.0207, 34.0362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

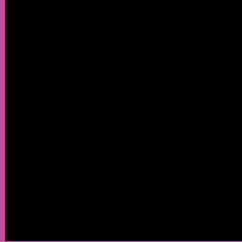
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7576, 20.0207, 34.0362

Background



This preview shows how black text looks on a background with the XYZ color 32.7576, 20.0207, 34.0362.



This preview shows how white text looks on a background with the XYZ color 32.7576, 20.0207,

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

32.7576, 20.0207, 34.0362

Protanopia

21.6196, 20.3775, 52.6629

Deuteranopia

20.5108, 20.0877, 31.6504



Tritanopia

28.6637, 20.0810, 13.6745

Trichromacy



Original Color

32.7576, 20.0207, 34.0362



Protanomaly

23.3416, 18.5921, 45.0062



Deuteranomaly

23.5638, 18.9824, 32.5590



Tritanomaly

29.9463, 19.9933, 19.7335

Monochromacy



Original Color

32.7576, 20.0207, 34.0362



Achromatopsia

18.8265, 19.8069, 21.5697



Achromatomaly

22.2897, 18.6366, 25.3441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7576, 20.0207, 34.0362 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(201, 76, 157)` looks like.

```
.text, #text, p{  
    color:rgb(201, 76, 157)  
}
```

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(201, 76, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 76, 157) }
```

Border

The CSS property to change the border of an element to XYZ 32.7576, 20.0207, 34.0362 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(201, 76, 157) }
```


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

```
.border{ border-color:rgb(201, 76, 157) }
```

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

Here you see how a box with a 4 pixel rgb(201, 76, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 76, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 76, 157);  
box-shadow:4px 4px 4px 4px rgb(201, 76,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7576, 20.0207, 34.0362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 76, 157) }
```

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

```
.background{ background-color: rgb(201, 76,  
157) }
```

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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