

Converting Colors

XYZ(34.3038, 20.8941, 30.6587)

Have a look what the booklet for
XYZ(34.3038, 20.8941, 30.6587)
contains.

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Color

**XYZ(34.3038, 20.8941,
30.6587)**

Conversions

Conversions Part 1

Format	Color
Hex	D14C95
RGB	209, 76, 149
RGB Percent	82%, 30%, 58%
CMY	0.1804, 0.7019, 0.4157
CMYK	0.00, 0.64, 0.29, 0.18
HSL	327°, 59%, 56%
HSV	327°, 64%, 82%
XYZ	34.3038, 20.8941, 30.6587
YIQ	124.0890, 55.8350, 50.8990

Conversions

Conversions Part 2

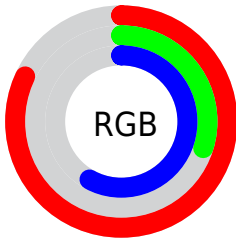
Format	Color
R_{YB}	209, 76, 149
Decimal	13716629
CIE _{Lab}	52.83, 59.29, -12.41
CIE _{LCh}	53, 60.579, 348.180
Y _{xy}	20.8941, 0.3995, 0.2434
Android (android.graphics.Color)	4291906709 (0xFFD14C95)
YUV	124.0890, 12.2811, 74.4669
Hunter-Lab	45.7101, 53.9654, -7.7700

Details

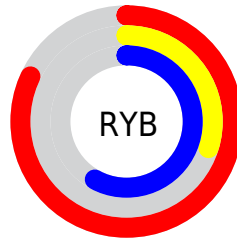
The XYZ color **34.3038, 20.8941, 30.6587** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **30.2261, 48.9158, 31.1438**, and the grayscale version is **19.1361, 20.1326, 21.9244**.

A 20% lighter version of the original color is **60.2708, 42.0743, 61.4445**, and **14.9780, 7.4829, 12.2102** is the 20% darker color. If you saturate the color by 10%, you get **32.3680, 18.1788, 26.4484**, and if you desaturate by 10%, it is **36.7694, 24.5711, 35.3467**.

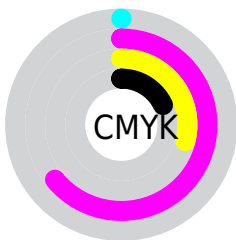
Distribution



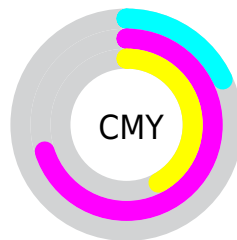
- Red (82%)
- Green (30%)
- Blue (58%)



- Red (82%)
- Yellow (30%)
- Blue (58%)



- Cyan (0%)
- Magenta (64%)
- Yellow (29%)
- Black (18%)





- Cyan (18%)
- Magenta (70%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3038, 20.8941, 30.6587 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 34.3038, 20.8941, 30.6587 by changing the saturation by 10% instead.


 34.3038, 20.8941,
30.6587


 34.3038, 20.8941,
30.6587


313.0467,
256.7152, 319.2652


 23.2911, 13.0466,
20.0828


 65.7470, 44.9112,
61.7756


 14.9305, 7.4607,
12.2706


 86.9082, 61.8496,
83.1537


 8.8566, 3.7518,
6.8035


 112.1829, 82.5872,
108.9696

 4.7041, 1.5357,
3.2629

 141.9364,
107.5082, 139.6418

 2.1077, 0.3137,
1.2304

 176.5343,
136.9971, 175.5890

 0.6934, 0.0000,
0.0037

216.3417,

 0.0000, 0.0000,

171.4383, 217.2296

0.0000

261.7240,
211.2162, 264.9821

■ 34.3038, 20.8941,
30.6587

■ 34.3038, 20.8941,
30.6587

■ 32.3680, 18.1788,
26.4484

■ 36.7694, 24.5711,
35.3467

■ 30.9114, 16.3268,
22.6914

■ 39.8051, 29.2888,
40.5321

■ 29.8761, 15.2246,
19.3611

■ 43.4494, 35.1217,
46.2346

■ 29.3725, 14.7865,
17.4382

■ 47.7368, 42.1368,
52.4721

■ 52.6989, 50.3953,
59.2613

■ 58.3654, 59.9544,
66.6183

■ 64.7639, 70.8679,
74.5581

■ 71.9207, 83.1862,
83.0952

■ 76.8861, 91.0080,
91.2520

Harmonies

Analogous

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



30.3741, 20.8941, 54.7839



34.3038, 20.8941, 30.6587



33.8034, 20.8941, 13.5198

Triad

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



34.3038, 20.8941, 30.6587



16.3006, 20.8941, 3.1080



12.8022, 20.8941, 59.8417

Complementary

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



34.3038, 20.8941, 30.6587



30.2261, 48.9158, 31.1438

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.



10.3989, 20.8941, 35.4425



34.3038, 20.8941, 30.6587



12.1032, 20.8941, 6.5297

Square

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



34.3038, 20.8941, 30.6587



22.4567, 20.8941, 2.8502



10.1737, 20.8941, 16.3339



17.4702, 20.8941, 76.7238

Rectangle

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



34.3038, 20.8941, 30.6587



31.0383, 20.8941, 7.2956



10.1737, 20.8941, 16.3339



11.7496, 20.8941, 51.7939

Sweetspot

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



34.3044, 20.8952, 30.6591



78.1722, 71.5592, 86.8892



24.2233, 14.9954, 61.9396



16.2638, 14.5397, 17.9495



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.



34.3044, 20.8952, 30.6591



49.9470, 27.4299, 39.4967



30.4277, 19.3445, 10.2444



12.0763, 11.9153, 13.6777



18.1604, 9.1370, 11.0170



1.0551, 0.5268, 0.8251

Inverse Universe

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



34.3044, 20.8952, 30.6591



49.9470, 27.4299, 39.4967



36.4839, 51.4189, 64.0971



12.0763, 11.9153, 13.6777



18.1604, 9.1370, 11.0170



1.0551, 0.5268, 0.8251

Previews

White Background



This preview shows how the XYZ color 34.3038, 20.8941, 30.6587 looks on a white background.

Color Contrast Check

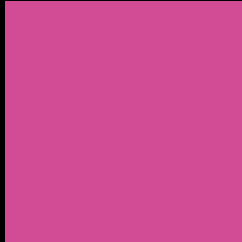
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3038, 20.8941, 30.6587 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 34.3038, 20.8941, 30.6587

Background



This preview shows how black text looks on a background with the XYZ color 34.3038, 20.8941, 30.6587.



This preview shows how white text looks on a background with the XYZ color 34.3038, 20.8941,

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

34.3038, 20.8941, 30.6587

Protanopia

22.0652, 21.2743, 47.7431

Deuteranopia

21.4812, 21.0244, 28.5171



Tritanopia

30.8148, 20.9501, 13.2461

Trichromacy



Original Color

34.3038, 20.8941, 30.6587

Protanomaly

24.2854, 19.4754, 41.0072

Deuteranomaly

24.7621, 19.8260, 29.3098

Tritanomaly

31.7184, 20.7003, 18.5435

Monochromacy



Original Color

34.3038, 20.8941, 30.6587

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

23.0089, 19.1774, 24.6792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3038, 20.8941, 30.6587 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(209, 76, 149)` looks like.

```
.text, #text, p{  
    color:rgb(209, 76, 149)  
}
```

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(209, 76, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 76, 149) }
```

Border

The CSS property to change the border of an element to XYZ 34.3038, 20.8941, 30.6587 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(209, 76, 149) }
```


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

```
.border{ border-color:rgb(209, 76, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 76, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 76, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 76, 149);  
box-shadow:4px 4px 4px 4px rgb(209, 76,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3038, 20.8941, 30.6587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 76, 149) }
```

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

```
.background{ background-color: rgb(209, 76,  
149) }
```

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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