

Converting Colors

XYZ(36.5594, 22.9394, 40.1824)

Have a look what the booklet for
XYZ(36.5594, 22.9394, 40.1824)
contains.

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Color

**XYZ(36.5016, 22.9300,
40.0382)**

Conversions

Conversions Part 1

Format	Color
Hex	D056A9
RGB	208, 86, 169
RGB Percent	82%, 34%, 66%
CMY	0.1843, 0.6627, 0.3373
CMYK	0.00, 0.59, 0.19, 0.18
HSL	319°, 56%, 58%
HSV	319°, 59%, 82%
XYZ	36.5016, 22.9300, 40.0382
YIQ	131.9400, 46.0690, 51.6770

Conversions

Conversions Part 2

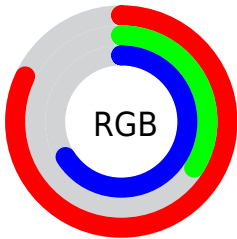
Format	Color
R _Y B	208, 86, 169
Decimal	13653673
CIE _{Lab}	55.00, 57.40, -20.87
CIE _{LCh}	55, 61.077, 340.018
Yxy	22.9300, 0.3670, 0.2305
Android (android.graphics.Color)	4291843753 (0xFFD056A9)
YUV	131.9400, 18.2706, 66.7046
Hunter-Lab	47.8853, 52.2663, -16.0543

Details

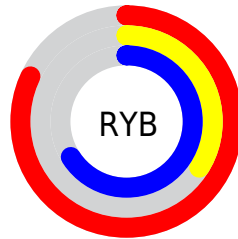
The XYZ color **36.5016, 22.9300, 40.0382** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **30.0964, 48.5715, 27.1931**, and the grayscale version is **21.8360, 22.9732, 25.0178**.

A 20% lighter version of the original color is **64.2194, 45.6916, 75.9556**, and **16.1362, 8.4636, 17.6128** is the 20% darker color. If you saturate the color by 10%, you get **34.4676, 19.8354, 36.3582**, and if you desaturate by 10%, it is **39.0520, 27.0057, 44.0473**.

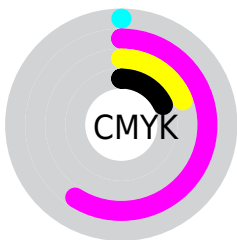
Distribution



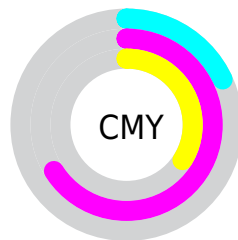
- Red (82%)
- Green (34%)
- Blue (66%)



- Red (82%)
- Yellow (34%)
- Blue (66%)



- Cyan (0%)
- Magenta (59%)
- Yellow (19%)
- Black (18%)



- Cyan (18%)
- Magenta (66%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5016, 22.9300, 40.0382 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 36.5016, 22.9300, 40.0382 by changing the saturation by 10% instead.

36.5016, 22.9300,
40.0382

36.5016, 22.9300,
40.0382

322.5408,
267.3653, 361.8414

24.9937, 14.5418,
27.2543

69.1244, 48.2784,
76.4594

16.2011, 8.4985,
17.5302

90.9700, 66.0073,
100.9338

9.7583, 4.4155,
10.4473

116.9923, 87.6187,
130.1421

5.3000, 1.9086,
5.5870

147.5566,
113.4969, 164.5029

2.4609, 0.5535,
2.5310

183.0282,
144.0262, 204.4347

0.8756, 0.0000,
0.8565

223.7726,

0.0000, 0.0000,

179.5911, 250.3560

0.0000

270.1550,
220.5760, 302.6854

■ 36.5016, 22.9300,
40.0382

■ 36.5016, 22.9300,
40.0382

■ 34.4676, 19.8354,
36.3582

■ 39.0520, 27.0057,
44.0473

■ 32.9039, 17.6319,
32.9892

■ 42.1550, 32.1356,
48.3994

■ 31.7601, 16.2187,
29.9121

■ 45.8461, 38.3894,
53.1086

■ 30.9558, 15.4360,
27.0978

■ 50.1571, 45.8300,
58.1878

■ 30.8580, 15.3481,
26.7330

■ 55.1175, 54.5157,
63.6488

■ 60.7547, 64.5008,
69.5029

■ 67.0947, 75.8364,
75.7607

■ 74.1620, 88.5709,
82.4326

■ 75.8939, 90.5785,
87.4994

Harmonies

Analogous

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



31.3081, 22.9300, 65.9158



36.5016, 22.9300, 40.0382



37.3350, 22.9300, 19.0136

Triad

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



36.5016, 22.9300, 40.0382



19.6021, 22.9300, 3.2860



13.2506, 22.9300, 57.5322

Complementary

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



36.5016, 22.9300, 40.0382



30.0964, 48.5715, 27.1931

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.



11.3044, 22.9300, 32.0488



36.5016, 22.9300, 40.0382



14.4342, 22.9300, 5.8898

Square

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



36.5016, 22.9300, 40.0382



26.5643, 22.9300, 3.7401



11.6873, 22.9300, 14.2501



17.6324, 22.9300, 79.1310

Rectangle

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



36.5016, 22.9300, 40.0382



35.1577, 22.9300, 10.5493



11.6873, 22.9300, 14.2501



12.3357, 22.9300, 48.7178

Sweetspot

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



36.5023, 22.9311, 40.0386



79.8417, 73.2207, 92.6174



23.1182, 15.5434, 61.4565



16.6334, 14.8804, 19.3015



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.



36.5023, 22.9311, 40.0386



54.0447, 30.5723, 56.4399



32.0675, 21.1572, 16.6849



12.1433, 11.9421, 14.0304



19.2780, 9.5840, 16.9021



1.1132, 0.5500, 1.1309

Inverse Universe

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



36.5023, 22.9311, 40.0386



54.0447, 30.5723, 56.4399



35.2185, 50.6204, 54.1656



12.1433, 11.9421, 14.0304



19.2780, 9.5840, 16.9021



1.1132, 0.5500, 1.1309

Previews

White Background



This preview shows how the XYZ color 36.5016, 22.9300, 40.0382 looks on a white background.

Color Contrast Check

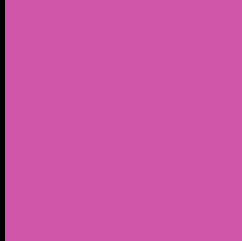
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.5016, 22.9300, 40.0382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

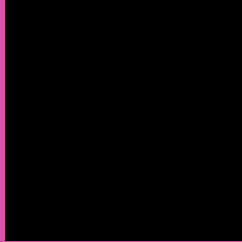
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.5016, 22.9300, 40.0382

Background



This preview shows how black text looks on a background with the XYZ color 36.5016, 22.9300, 40.0382.



This preview shows how white text looks on a background with the XYZ color 36.5016, 22.9300,

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

36.5016, 22.9300, 40.0382

Protanopia

24.5872, 23.2937, 59.0774

Deuteranopia

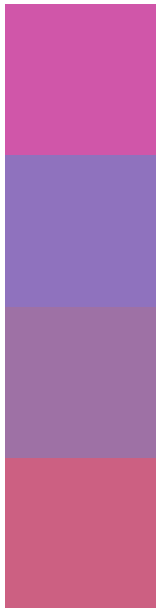
23.5778, 23.0550, 37.3898



Tritanopia

31.7176, 22.9466, 16.9448

Trichromacy



Original Color

36.5016, 22.9300, 40.0382

Protanomaly

26.6393, 21.5920, 51.4788

Deuteranomaly

26.7972, 21.7960, 38.3920

Tritanomaly

33.1140, 22.8148, 23.7775

Monochromacy



Original Color

36.5016, 22.9300, 40.0382

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

25.7388, 21.7794, 29.6353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5016, 22.9300, 40.0382 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(208, 86, 169)` looks like.

```
.text, #text, p{  
    color:rgb(208, 86, 169)  
}
```

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(208, 86, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 86, 169) }
```

Border

The CSS property to change the border of an element to XYZ 36.5016, 22.9300, 40.0382 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(208, 86, 169) }
```


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

```
.border{ border-color:rgb(208, 86, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 86, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 86, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 86, 169); box-shadow:4px 4px 4px 4px rgb(208, 86, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5016, 22.9300, 40.0382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 86, 169) }
```

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

```
.background{ background-color: rgb(208, 86,  
169) }
```

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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