

Converting Colors

XYZ(36.1534, 27.9712, 40.5393)

Have a look what the booklet for
XYZ(36.1534, 27.9712, 40.5393)
contains.

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Color

**XYZ(36.1534, 27.9712,
40.5393)**

Conversions

Conversions Part 1

Format	Color
Hex	C279A8
RGB	194, 121, 168
RGB Percent	76%, 47%, 66%
CMY	0.2392, 0.5255, 0.3412
CMYK	0.00, 0.38, 0.13, 0.24
HSL	321°, 37%, 62%
HSV	321°, 38%, 76%
XYZ	36.1534, 27.9712, 40.5393
YIQ	148.1850, 28.4210, 30.0930

Conversions

Conversions Part 2

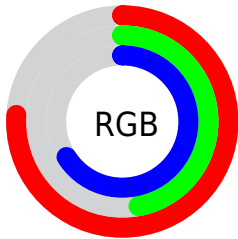
Format	Color
RYB	194, 121, 168
Decimal	12745128
CIELab	59.86, 35.28, -13.08
CIELCh	60, 37.630, 339.655
Yxy	27.9712, 0.3454, 0.2672
Android (android.graphics.Color)	4290935208 (0xFFC279A8)
YUV	148.1850, 9.7688, 40.1798
Hunter-Lab	52.8878, 29.4666, -8.4252

Details

The XYZ color **36.1534, 27.9712, 40.5393** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.4446, 44.7560, 34.5344**, and the grayscale version is **28.1784, 29.6459, 32.2844**.

A 20% lighter version of the original color is **68.7941, 56.6831, 77.1271**, and **15.9900, 11.1302, 17.8286** is the 20% darker color. If you saturate the color by 10%, you get **33.4020, 23.4710, 36.5301**, and if you desaturate by 10%, it is **39.4148, 33.4357, 44.8879**.

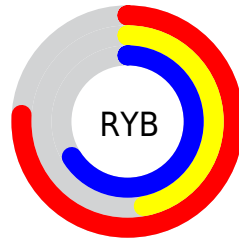
Distribution



Red (76%)

Green (47%)

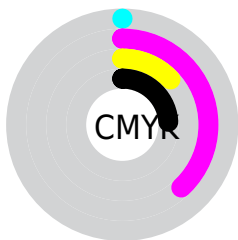
Blue (66%)



Red (76%)

Yellow (47%)

Blue (66%)

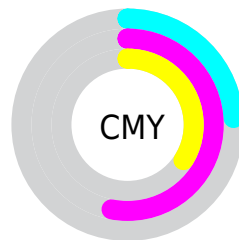


Cyan (0%)

Magenta (38%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (53%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1534, 27.9712, 40.5393 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 36.1534, 27.9712, 40.5393 by changing the saturation by 10% instead.

 36.1534, 27.9712,
40.5393

 36.1534, 27.9712,
40.5393


321.0501,
292.3293, 364.0109


 24.7234, 18.3040,
27.6423


 68.5911, 56.4385,
77.2301

 15.9987, 11.1684,
17.8195

 90.3294, 76.0073,
101.8610

 9.6141, 6.1802,
10.6524


 116.2346, 99.6454,
131.2402

 5.2041, 2.9550,
5.7224

146.6719,
127.7372, 165.7864

 2.4035, 1.1083,
2.6110

182.0068,
160.6671, 205.9180

 0.8469, 0.0000,
0.8981

222.6045,

 0.0000, 0.0000,

198.8195, 252.0536

0.0000

268.8305,
242.5787, 304.6117

■ 36.1534, 27.9712,
40.5393

■ 36.1534, 27.9712,
40.5393

■ 33.4020, 23.4710,
36.5301

■ 39.4148, 33.4357,
44.8879

■ 31.1289, 19.8740,
32.8463

■ 43.2103, 39.9134,
49.5855

■ 29.3028, 17.1179,
29.4750

■ 47.5656, 47.4543,
54.6436

■ 27.8873, 15.1309,
26.4014

■ 52.5039, 56.1039,
60.0723

■ 26.8399, 13.8288,
23.6086

■ 58.0471, 65.9053,
65.8812

■ 26.0992, 13.0898,
21.0731

■ 64.2157, 76.8990,
72.0796

■ 25.9437, 12.9476,
20.5006

■ 70.4510, 87.9665,
78.4834

■ 71.3655, 88.3323,
83.2991

■ 72.3181, 88.7133,
88.3152

Harmonies

Analogous

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



32.8837, 27.9712, 55.5068



36.1534, 27.9712, 40.5393



36.6994, 27.9712, 26.2566

Triad

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



36.1534, 27.9712, 40.5393



25.0760, 27.9712, 11.1971



20.1270, 27.9712, 50.4988

Complementary

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



36.1534, 27.9712, 40.5393



32.4446, 44.7560, 34.5344

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.



18.5252, 27.9712, 35.0806



36.1534, 27.9712, 40.5393



21.1482, 27.9712, 14.3699

Square

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



36.1534, 27.9712, 40.5393



29.9062, 27.9712, 11.8602



18.8752, 27.9712, 22.2006



23.5207, 27.9712, 62.3478

Rectangle

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



36.1534, 27.9712, 40.5393



35.3861, 27.9712, 19.2137



18.8752, 27.9712, 22.2006



19.3808, 27.9712, 45.4006

Sweetspot

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



36.1542, 27.9725, 40.5399



83.2581, 80.9018, 95.6727



28.5283, 23.7328, 54.1167



17.9912, 17.2982, 20.6721



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.



36.1542, 27.9725, 40.5399



61.4006, 43.9535, 67.5262



33.2480, 26.8100, 25.2358



10.3401, 10.1846, 11.8813



17.0973, 8.5287, 13.6903



0.7706, 0.3812, 0.7592

Inverse Universe

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



36.1542, 27.9725, 40.5399



61.4006, 43.9535, 67.5262



35.7304, 46.0703, 51.8371



10.3401, 10.1846, 11.8813



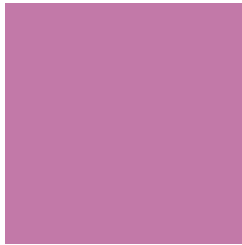
17.0973, 8.5287, 13.6903



0.7706, 0.3812, 0.7592

Previews

White Background



This preview shows how the XYZ color 36.1534, 27.9712, 40.5393 looks on a white background.

Color Contrast Check

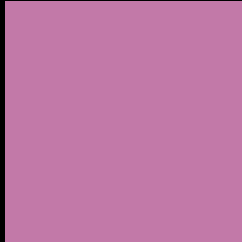
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.1534, 27.9712, 40.5393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

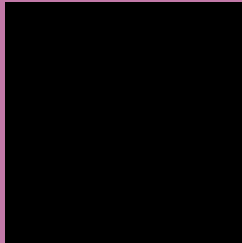
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.1534, 27.9712, 40.5393

Background



This preview shows how black text looks on a background with the XYZ color 36.1534, 27.9712, 40.5393.



This preview shows how white text looks on a background with the XYZ color 36.1534, 27.9712,

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

36.1534, 27.9712, 40.5393

Protanopia

28.3614, 28.2147, 48.7509

Deuteranopia

28.6201, 28.1196, 39.0411



Tritanopia

33.3399, 27.9320, 27.3011

Trichromacy



Original Color

36.1534, 27.9712, 40.5393

Protanomaly

30.4102, 27.6102, 45.8460

Deuteranomaly

30.8337, 27.7661, 39.3316

Tritanomaly

34.1648, 27.8817, 31.5980

Monochromacy



Original Color

36.1534, 27.9712, 40.5393

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.5219, 28.5428, 34.9110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1534, 27.9712, 40.5393 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(194, 121, 168)` looks like.

```
.text, #text, p{  
    color:rgb(194, 121, 168)  
}
```

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(194, 121, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 121, 168) }
```

Border

The CSS property to change the border of an element to XYZ 36.1534, 27.9712, 40.5393 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(194, 121, 168) }
```


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

```
.border{ border-color:rgb(194, 121, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 121, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 121, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 121, 168);  
box-shadow:4px 4px 4px 4px rgb(194, 121,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1534, 27.9712, 40.5393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 121, 168) }
```

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

```
.background{ background-color: rgb(194,  
121, 168) }
```

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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