

Converting Colors

XYZ(43.2543, 36.1883, 53.1602)

Have a look what the booklet for
XYZ(43.2543, 36.1883, 53.1602)
contains.

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Color

**XYZ(43.2391, 36.2479,
53.4328)**

Conversions

Conversions Part 1

Format	Color
Hex	C891BE
RGB	200, 145, 190
RGB Percent	78%, 57%, 75%
CMY	0.2157, 0.4314, 0.2549
CMYK	0.00, 0.27, 0.05, 0.22
HSL	311°, 33%, 68%
HSV	311°, 27%, 78%
XYZ	43.2391, 36.2479, 53.4328
YIQ	166.5750, 18.3350, 25.6550

Conversions

Conversions Part 2

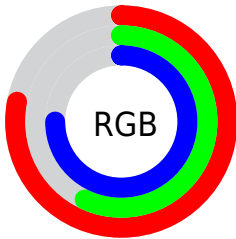
Format	Color
R _{YB}	200, 145, 190
Decimal	13144510
CIE _{Lab}	66.71, 28.04, -15.15
CIE _{LCh}	67, 31.875, 331.617
Yxy	36.2479, 0.3253, 0.2727
Android (android.graphics.Color)	4291334590 (0xFFC891BE)
YUV	166.5750, 11.5485, 29.3137
Hunter-Lab	60.2062, 22.8348, -10.4753

Details

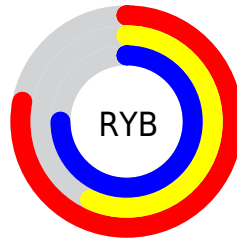
The XYZ color **43.2391, 36.2479, 53.4328** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.2492, 49.6960, 38.5889**, and the grayscale version is **36.4644, 38.3634, 41.7778**.

A 20% lighter version of the original color is **78.2980, 68.7607, 96.3342**, and **20.1951, 15.8313, 25.6583** is the 20% darker color. If you saturate the color by 10%, you get **40.0556, 30.5086, 50.4352**, and if you desaturate by 10%, it is **46.9727, 43.0703, 56.6635**.

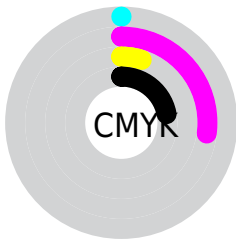
Distribution



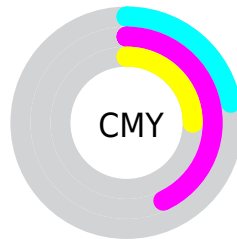
- Red (78%)
- Green (57%)
- Blue (75%)



- Red (78%)
- Yellow (57%)
- Blue (75%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (22%)





- Cyan (22%)
- Magenta (43%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2391, 36.2479, 53.4328 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 43.2391, 36.2479, 53.4328 by changing the saturation by 10% instead.


 43.2391, 36.2479,
53.4328


 43.2391, 36.2479,
53.4328

350.4990,
330.0428, 417.0567

 30.2681, 24.6257,
37.7583

 79.3250, 69.4145,
96.6889

 20.1913, 15.7984,
25.4948


 103.1706, 91.7277,
125.1076

 12.6432, 9.3816,
16.2237


131.3718,
118.3734, 158.6114

 7.2586, 4.9909,
9.5265

164.2940,
149.7360, 197.6190

 3.6721, 2.2419,
4.9847

202.3024,
186.1998, 242.5487

 1.5184, 0.7427,
2.1797

245.7625,

 0.3383, 0.0000,

228.1493, 293.8192

0.6626

295.0396,
275.9688, 351.8490

■ 0.0000, 0.0000,
0.0000

■ 43.2391, 36.2479,
53.4328

■ 43.2391, 36.2479,
53.4328

■ 40.0556, 30.5086,
50.4352

■ 46.9727, 43.0703,
56.6635

■ 37.3907, 25.7911,
47.6587

■ 51.2792, 51.0233,
60.1340

■ 35.2144, 22.0356,
45.0933

■ 56.1844, 60.1575,
63.8538

■ 33.4928, 19.1736,
42.7273

■ 61.7112, 70.5187,
67.8307

■ 32.1871, 17.1282,
40.5475

■ 67.8816, 82.1507,
72.0725

■ 31.2522, 15.8088,
38.5384

■ 71.4408, 88.5440,
75.4945

■ 30.6241, 15.0882,
36.6783

■ 71.9044, 88.7294,
77.9356

■ 30.4875, 14.9466,
36.2271

■ 72.3783, 88.9190,
80.4314

■ 72.8628, 89.1127,
82.9824

Harmonies

Analogous

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



39.5277, 36.2479, 66.5675



43.2391, 36.2479, 53.4328



44.5402, 36.2479, 38.7256

Triad

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



43.2391, 36.2479, 53.4328



34.1924, 36.2479, 18.4832



27.1670, 36.2479, 55.0316

Complementary

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



43.2391, 36.2479, 53.4328



38.2492, 49.6960, 38.5889

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.



26.0161, 36.2479, 40.2194



43.2391, 36.2479, 53.4328



29.8315, 36.2479, 20.9480

Square

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



43.2391, 36.2479, 53.4328



39.0348, 36.2479, 20.4622



26.9451, 36.2479, 28.1763



30.2437, 36.2479, 67.6314

Rectangle

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



43.2391, 36.2479, 53.4328



43.7776, 36.2479, 30.4986



26.9451, 36.2479, 28.1763



26.5557, 36.2479, 50.0428

Sweetspot

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



43.2402, 36.2495, 53.4336



88.2924, 87.4312, 103.7295



33.9105, 31.3092, 58.9003



18.6426, 18.2404, 22.0011



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.



43.2402, 36.2495, 53.4336



71.4580, 56.6026, 89.3627



40.5869, 35.1882, 39.4616



10.9972, 10.7823, 12.9683



19.4152, 9.5157, 23.1942



0.9415, 0.4594, 1.2150

Inverse Universe

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



43.2402, 36.2495, 53.4336



71.4580, 56.6026, 89.3627



40.7417, 50.6930, 51.7142



10.9972, 10.7823, 12.9683



19.4152, 9.5157, 23.1942



0.9415, 0.4594, 1.2150

Previews

White Background



This preview shows how the XYZ color 43.2391, 36.2479, 53.4328 looks on a white background.

Color Contrast Check

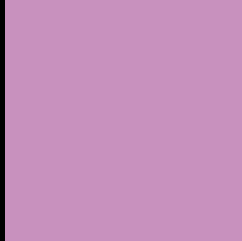
Large Text (above 18pt) WCAG AA × Fail

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 43.2391, 36.2479, 53.4328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

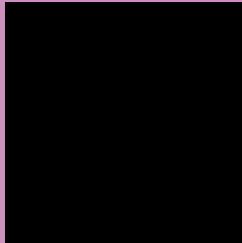
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2391, 36.2479, 53.4328

Background



This preview shows how black text looks on a background with the XYZ color 43.2391, 36.2479, 53.4328.



This preview shows how white text looks on a background with the XYZ color 43.2391, 36.2479,

53.4328.

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

43.2391, 36.2479, 53.4328

Protanopia

36.4244, 36.4791, 60.3797

Deuteranopia

37.3041, 36.5996, 52.1120



Tritanopia

40.1929, 36.1571, 39.0430

Trichromacy



Original Color

43.2391, 36.2479, 53.4328

Protanomaly

38.3770, 36.0200, 57.7532

Deuteranomaly

39.2231, 36.3257, 52.5212

Tritanomaly

41.0623, 36.0287, 43.8197

Monochromacy



Original Color

43.2391, 36.2479, 53.4328

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.7264, 37.4751, 45.7498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2391, 36.2479, 53.4328 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(200, 145, 190)` looks like.

```
.text, #text, p{  
    color:rgb(200, 145, 190)  
}
```

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(200, 145, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 145, 190) }
```

Border

The CSS property to change the border of an element to XYZ 43.2391, 36.2479, 53.4328 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(200, 145, 190) }
```


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

```
.border{ border-color:rgb(200, 145, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 145, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 145, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 145, 190);  
box-shadow:4px 4px 4px 4px rgb(200, 145,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2391, 36.2479, 53.4328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 145, 190) }
```

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

```
.background{ background-color: rgb(200,  
145, 190) }
```

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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