

Converting Colors

XYZ(36.3153, 28.9569, 41.4637)

Have a look what the booklet for
XYZ(36.3153, 28.9569, 41.4637)
contains.

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Color

**XYZ(36.4548, 29.0305,
41.7123)**

Conversions

Conversions Part 1

Format	Color
Hex	C07EAA
RGB	192, 126, 170
RGB Percent	75%, 49%, 67%
CMY	0.2471, 0.5059, 0.3333
CMYK	0.00, 0.34, 0.11, 0.25
HSL	320°, 34%, 62%
HSV	320°, 34%, 75%
XYZ	36.4548, 29.0305, 41.7123
YIQ	150.7500, 25.2120, 27.6760

Conversions

Conversions Part 2

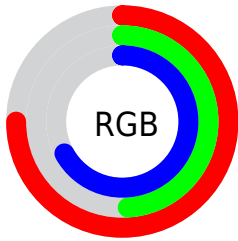
Format	Color
R_{YB}	192, 126, 170
Decimal	12615338
CIE _{Lab}	60.81, 32.21, -12.83
CIE _{LCh}	61, 34.669, 338.286
Yxy	29.0305, 0.3401, 0.2708
Android (android.graphics.Color)	4290805418 (0xFFC07EAA)
YUV	150.7500, 9.4902, 36.1763
Hunter-Lab	53.8800, 26.4819, -8.1846

Details

The XYZ color **36.4548, 29.0305, 41.7123** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.8004, 44.2739, 34.8359**, and the grayscale version is **29.2626, 30.7865, 33.5265**.

A 20% lighter version of the original color is **68.9788, 58.2185, 78.8359**, and **16.1026, 11.6585, 18.5412** is the 20% darker color. If you saturate the color by 10%, you get **33.6406, 24.3472, 37.8595**, and if you desaturate by 10%, it is **39.7714, 34.6705, 45.8787**.

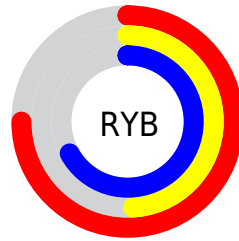
Distribution



Red (75%)

Green (49%)

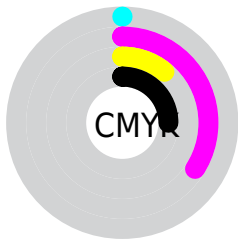
Blue (67%)



Red (75%)

Yellow (49%)

Blue (67%)

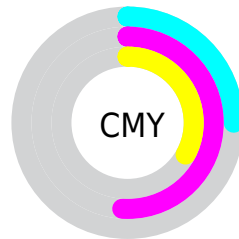


Cyan (0%)

Magenta (34%)

Yellow (11%)

Black (25%)



Cyan (25%)


Magenta (51%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4548, 29.0305, 41.7123 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 36.4548, 29.0305, 41.7123 by changing the saturation by 10% instead.


 36.4548, 29.0305,
41.7123


 36.4548, 29.0305,
41.7123


322.3407,
297.3588, 369.0533

 24.9574, 19.1039,
28.5522


 69.0528, 58.1255,
79.0294

 16.1739, 11.7454,
18.4997


 90.8840, 78.0628,
104.0235

 9.7389, 6.5705,
11.1362

 116.8906,
102.1057, 133.7993

 5.2871, 3.1950,
6.0432

147.4378,
130.6386, 168.7754

 2.4532, 1.2344,
2.8021

182.8911,
164.0460, 209.3703

 0.8717, 0.0895,
0.9945

223.6158,

 0.0000, 0.0000,

202.7122, 256.0026

0.0000

269.9772,
247.0217, 309.0907

■ 36.4548, 29.0305,
41.7123

■ 36.4548, 29.0305,
41.7123

■ 33.6406, 24.3472,
37.8595

■ 39.7714, 34.6705,
45.8787

■ 31.2987, 20.5624,
34.3072

■ 43.6131, 41.3133,
50.3672

■ 29.3998, 17.6178,
31.0439

■ 48.0042, 49.0066,
55.1883

■ 27.9099, 15.4462,
28.0562

■ 52.9670, 57.7939,
60.3513

■ 26.7902, 13.9703,
25.3288

■ 58.5221, 67.7163,
65.8650

■ 25.9933, 13.0964,
22.8438

■ 64.6894, 78.8127,
71.7378

■ 25.6345, 12.7650,
21.5337

■ 69.7389, 87.6228,
77.3950

■ 70.5768, 87.9579,
81.8070

■ 71.4472, 88.3061,
86.3903

Harmonies

Analogous

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



33.3195, 29.0305, 55.3740



36.4548, 29.0305, 41.7123



37.0901, 29.0305, 28.1648

Triad

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



36.4548, 29.0305, 41.7123



26.3621, 29.0305, 12.8576



21.3325, 29.0305, 49.6208

Complementary

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



36.4548, 29.0305, 41.7123



32.8004, 44.2739, 34.8359

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.



19.8729, 29.0305, 35.3238



36.4548, 29.0305, 41.7123



22.5627, 29.0305, 15.8530

Square

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



36.4548, 29.0305, 41.7123



30.9255, 29.0305, 13.7001



20.2974, 29.0305, 23.2855



24.5082, 29.0305, 60.7377

Rectangle

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



36.4548, 29.0305, 41.7123



35.9514, 29.0305, 21.2441



20.2974, 29.0305, 23.2855



20.6416, 29.0305, 44.8933

Sweetspot

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



36.4557, 29.0318, 41.7129



82.2518, 80.4923, 94.8672



29.1894, 25.0250, 53.1615



17.4086, 16.8535, 20.0895



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.4557, 29.0318, 41.7129



62.2527, 46.2551, 70.4401



33.7156, 27.9358, 27.2836



10.3499, 10.1886, 11.9332



17.2864, 8.6043, 14.6863



0.7778, 0.3841, 0.7972

Inverse Universe

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



36.4557, 29.0318, 41.7129



62.2527, 46.2551, 70.4401



35.7953, 45.4719, 50.6072



10.3499, 10.1886, 11.9332



17.2864, 8.6043, 14.6863



0.7778, 0.3841, 0.7972

Previews

White Background



This preview shows how the XYZ color 36.4548, 29.0305, 41.7123 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 36.4548, 29.0305, 41.7123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

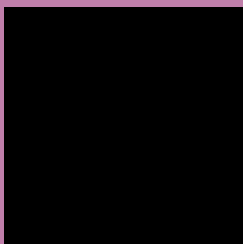
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.4548, 29.0305, 41.7123

Background



This preview shows how black text looks on a background with the XYZ color 36.4548, 29.0305, 41.7123.



This preview shows how white text looks on a background with the XYZ color 36.4548, 29.0305,

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

36.4548, 29.0305, 41.7123

Protanopia

29.3074, 29.3799, 48.9260

Deuteranopia

29.7464, 29.1103, 40.6103



Tritanopia

33.9103, 28.9745, 29.0047

Trichromacy



Original Color

36.4548, 29.0305, 41.7123

Protanomaly

31.3691, 28.9487, 46.0538

Deuteranomaly

31.9499, 28.9340, 40.9467

Tritanomaly

34.7530, 28.9147, 33.4552

Monochromacy



Original Color

36.4548, 29.0305, 41.7123

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.5704, 29.9216, 36.4593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4548, 29.0305, 41.7123 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(192, 126, 170)` looks like.

```
.text, #text, p{  
    color:rgb(192, 126, 170)  
}
```

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(192, 126, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 126, 170) }
```

Border

The CSS property to change the border of an element to XYZ 36.4548, 29.0305, 41.7123 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(192, 126, 170) }
```


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

```
.border{ border-color:rgb(192, 126, 170) }
```

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

Here you see how a box with a 4 pixel rgb(192, 126, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 126, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 126, 170);  
box-shadow:4px 4px 4px 4px rgb(192, 126,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4548, 29.0305, 41.7123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 126, 170) }
```

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

```
.background{ background-color: rgb(192,  
126, 170) }
```

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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