

Converting Colors

XYZ(36.4062, 25.7605, 43.2627)

Have a look what the booklet for
XYZ(36.4062, 25.7605, 43.2627)
contains.

XYZ(36.4509, 25.7135, 43.0864)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.4509, 25.7135,
43.0864)**

Conversions

Conversions Part 1

Format	Color
Hex	C76BAE
RGB	199, 107, 174
RGB Percent	78%, 42%, 68%
CMY	0.2196, 0.5804, 0.3176
CMYK	0.00, 0.46, 0.13, 0.22
HSL	316°, 45%, 60%
HSV	316°, 46%, 78%
XYZ	36.4509, 25.7135, 43.0864
YIQ	142.1460, 33.3250, 40.3410

Conversions

Conversions Part 2

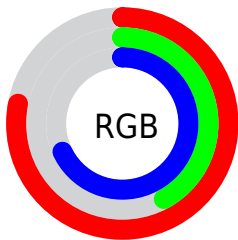
Format	Color
R _Y B	199, 107, 174
Decimal	13069230
CIE Lab	57.76, 45.32, -19.65
CIE LCh	58, 49.397, 336.555
Yxy	25.7135, 0.3463, 0.2443
Android (android.graphics.Color)	4291259310 (0xFFC76BAE)
YUV	142.1460, 15.7040, 49.8610
Hunter-Lab	50.7085, 39.5717, -14.8821

Details

The XYZ color **36.4509, 25.7135, 43.0864** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **30.6529, 45.6395, 29.0255**, and the grayscale version is **25.7003, 27.0387, 29.4451**.

A 20% lighter version of the original color is **68.2678, 52.4629, 81.3912**, and **16.1451, 9.9525, 19.1592** is the 20% darker color. If you saturate the color by 10%, you get **34.0934, 21.8249, 39.7516**, and if you desaturate by 10%, it is **39.3086, 30.5677, 46.6932**.

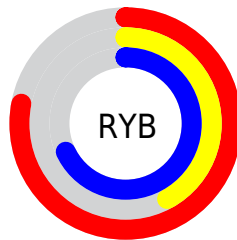
Distribution



Red (78%)

Green (42%)

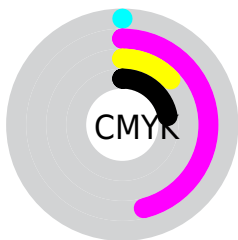
Blue (68%)



Red (78%)

Yellow (42%)

Blue (68%)

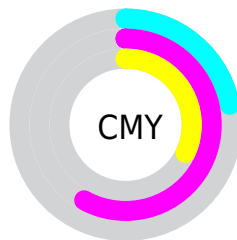


Cyan (0%)

Magenta (46%)

Yellow (13%)

Black (22%)



Cyan (22%)


Magenta (58%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4509, 25.7135, 43.0864 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 36.4509, 25.7135, 43.0864 by changing the saturation by 10% instead.


 36.4509, 25.7135,
43.0864


 36.4509, 25.7135,
43.0864


322.3240,
281.3728, 374.8986

 24.9544, 16.6094,
29.6210


 69.0468, 52.8124,
81.1290


 16.1716, 9.9564,
19.3015


 90.8768, 71.5760,
106.5432

 9.7373, 5.3701,
11.7093


 116.8821, 94.3282,
136.7776

 5.2860, 2.4660,
6.4259

 147.4279,
121.4535, 172.2504

 2.4525, 0.8595,
3.0328

182.8797,
153.3362, 213.3805

 0.8714, 0.0000,
1.1114

223.6027,

 0.0000, 0.0000,

190.3607, 260.5861

0.0000

269.9624,
232.9115, 314.2860

■ 36.4509, 25.7135,
43.0864

■ 36.4509, 25.7135,
43.0864

■ 34.0934, 21.8249,
39.7516

■ 39.3086, 30.5677,
46.6932

■ 32.2002, 18.8319,
36.6749

■ 42.6945, 36.4442,
50.5816

■ 30.7345, 16.6607,
33.8430


■ 46.6371, 43.3994,
54.7628


■ 29.6525, 15.2239,
31.2400


■ 51.1622, 51.4845,
59.2464


■ 28.8983, 14.4105,
28.8460


■ 56.2940, 60.7476,
64.0417

 28.6582, 14.1842,
27.9837

 62.0554, 71.2339,
69.1573

 68.4678, 82.9861,
74.6016

 71.8722, 88.6858,
79.1560

 72.5886, 88.9723,
82.9281

Harmonies

Analogous

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



31.8715, 25.7135, 63.2297



36.4509, 25.7135, 43.0864



37.5930, 25.7135, 24.4361

Triad

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



36.4509, 25.7135, 43.0864



23.1625, 25.7135, 6.4851



16.3841, 25.7135, 52.2692

Complementary

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



36.4509, 25.7135, 43.0864



30.6529, 45.6395, 29.0255

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.



14.7801, 25.7135, 31.8894



36.4509, 25.7135, 43.0864



18.2639, 25.7135, 9.1178

Square

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



36.4509, 25.7135, 43.0864



29.2580, 25.7135, 7.4661



15.4081, 25.7135, 16.9204



20.1822, 25.7135, 69.8594

Rectangle

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



36.4509, 25.7135, 43.0864



36.1109, 25.7135, 15.7991



15.4081, 25.7135, 16.9204



15.6010, 25.7135, 45.2610

Sweetspot

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



36.4517, 25.7147, 43.0869



83.1769, 78.6905, 97.4301



25.0106, 19.5083, 56.4807



17.4518, 16.2180, 20.4964



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.



36.4517, 25.7147, 43.0869



59.8519, 38.4684, 69.8387



32.7390, 24.2296, 23.5362



10.9553, 10.7655, 12.7481



18.4660, 9.1360, 18.1956



0.9036, 0.4443, 1.0153

Inverse Universe

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



36.4517, 25.7147, 43.0869



59.8519, 38.4684, 69.8387



34.4769, 47.1691, 49.1627



10.9553, 10.7655, 12.7481



18.4660, 9.1360, 18.1956



0.9036, 0.4443, 1.0153

Previews

White Background



This preview shows how the XYZ color 36.4509, 25.7135, 43.0864 looks on a white background.

Color Contrast Check

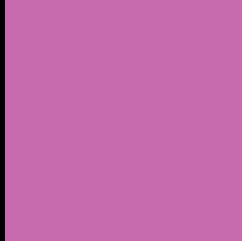
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.4509, 25.7135, 43.0864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

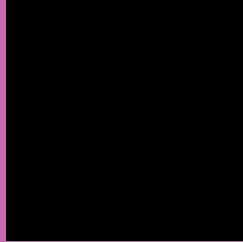
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.4509, 25.7135, 43.0864

Background



This preview shows how black text looks on a background with the XYZ color 36.4509, 25.7135, 43.0864.



This preview shows how white text looks on a background with the XYZ color 36.4509, 25.7135,

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

36.4509, 25.7135, 43.0864

Protanopia

26.7946, 25.9418, 55.8196

Deuteranopia

26.4468, 25.8762, 41.1368



Tritanopia

32.3753, 25.6983, 22.9926

Trichromacy



Original Color

36.4509, 25.7135, 43.0864



Protanomaly

28.9324, 24.9421, 50.8664



Deuteranomaly

29.1815, 25.0811, 41.8312



Tritanomaly

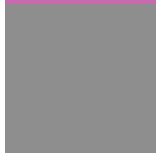
33.6280, 25.5292, 29.1418

Monochromacy



Original Color

36.4509, 25.7135, 43.0864



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

28.7872, 25.8201, 34.0384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4509, 25.7135, 43.0864 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(199, 107, 174)` looks like.

```
.text, #text, p{  
    color:rgb(199, 107, 174)  
}
```

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(199, 107, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 107, 174) }
```

Border

The CSS property to change the border of an element to XYZ 36.4509, 25.7135, 43.0864 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(199, 107, 174) }
```


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

```
.border{ border-color:rgb(199, 107, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 107, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 107, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 107, 174);  
box-shadow:4px 4px 4px 4px rgb(199, 107,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4509, 25.7135, 43.0864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 107, 174) }
```

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

```
.background{ background-color: rgb(199,  
107, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor