

Converting Colors

XYZ(46.6716, 40.1777, 52.2779)

Have a look what the booklet for
XYZ(46.6716, 40.1777, 52.2779)
contains.

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Color

**XYZ(46.5377, 40.1090,
52.3027)**

Conversions

Conversions Part 1

Format	Color
Hex	D09ABB
RGB	208, 154, 187
RGB Percent	82%, 60%, 73%
CMY	0.1843, 0.3961, 0.2667
CMYK	0.00, 0.26, 0.10, 0.18
HSL	323°, 36%, 71%
HSV	323°, 26%, 82%
XYZ	46.5377, 40.1090, 52.3027
YIQ	173.9080, 21.5910, 21.7110

Conversions

Conversions Part 2

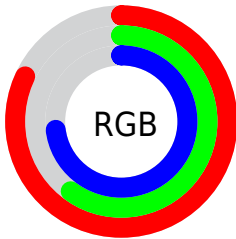
Format	Color
R _Y B	208, 154, 187
Decimal	13671099
CIE Lab	69.55, 25.35, -9.14
CIE LCh	70, 26.946, 340.176
Yxy	40.1090, 0.3349, 0.2887
Android (android.graphics.Color)	4291861179 (0xFFD09ABB)
YUV	173.9080, 6.4544, 29.8987
Hunter-Lab	63.3317, 20.3359, -4.6327

Details

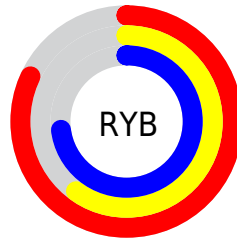
The XYZ color **46.5377, 40.1090, 52.3027** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.6219, 55.0781, 48.8921**, and the grayscale version is **40.1461, 42.2368, 45.9959**.

A 20% lighter version of the original color is **80.2181, 73.3320, 94.7206**, and **22.1913, 17.9963, 24.8583** is the 20% darker color. If you saturate the color by 10%, you get **42.5560, 33.4924, 46.8226**, and if you desaturate by 10%, it is **51.1653, 47.9384, 58.2398**.

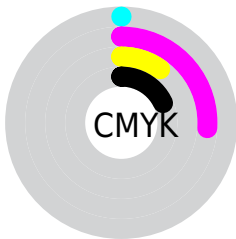
Distribution



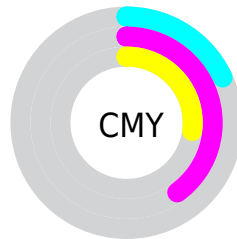
- Red (82%)
- Green (60%)
- Blue (73%)



- Red (82%)
- Yellow (60%)
- Blue (73%)



- Cyan (0%)
- Magenta (26%)
- Yellow (10%)
- Black (18%)




- Cyan (18%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5377, 40.1090, 52.3027 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 46.5377, 40.1090, 52.3027 by changing the saturation by 10% instead.


 46.5377, 40.1090,
52.3027

 46.5377, 40.1090,
52.3027


363.6460,
346.5828, 412.5942

 32.8768, 27.6235,
36.8625


 84.2461, 75.3295,
95.0086

 22.1908, 18.0421,
24.8061


 109.0242, 98.8333,
123.1114

 14.1146, 10.9802,
15.7149


138.2388,
126.7786, 156.2722

 8.2826, 6.0535,
9.1705

172.2552,
159.5500, 194.9095

 4.3296, 2.8777,
4.7542

211.4388,
197.5316, 239.4418

 1.8903, 1.0682,
2.0476

256.1549,

 0.5712, 0.0000,

241.1081, 290.2876

0.5843

306.7688,
290.6637, 347.8656

■ 0.0000, 0.0000,
0.0000

■ 46.5377, 40.1090,
52.3027

■ 46.5377, 40.1090,
52.3027

■ 42.5560, 33.4924,
46.8226

■ 51.1653, 47.9384,
58.2398

■ 39.1854, 28.0214,
41.7825

■ 56.4647, 57.0324,
64.6448

■ 36.3926, 23.6308,
37.1678

■ 62.4643, 67.4464,
71.5316

■ 34.1400, 20.2463,
32.9618

■ 69.1899, 79.2309,
78.9124

■ 32.3850, 17.7842,
29.1461

■ 75.6999, 90.5009,
86.4768

■ 31.0782, 16.1473,
25.6999

■ 76.8460, 90.9594,
92.5123

■ 30.1584, 15.2143,
22.5981

■ 78.0454, 91.4391,
98.8280

■ 29.8504, 14.9451,
21.4262

■ 79.2986, 91.9404,
105.4276

■ 79.8227, 92.1500,
108.1874

Harmonies

Analogous

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



43.7724, 40.1090, 64.6322



46.5377, 40.1090, 52.3027



46.9545, 40.1090, 39.5782

Triad

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



46.5377, 40.1090, 52.3027



36.6648, 40.1090, 24.0951



32.0865, 40.1090, 61.0052

Complementary

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



46.5377, 40.1090, 52.3027



43.6219, 55.0781, 48.8921

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.



30.4737, 40.1090, 48.0385



46.5377, 40.1090, 52.3027



32.9808, 40.1090, 27.8174

Square

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



46.5377, 40.1090, 52.3027



41.0276, 40.1090, 24.8029



30.7881, 40.1090, 36.0470



35.3577, 40.1090, 70.2809

Rectangle

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



46.5377, 40.1090, 52.3027



45.8136, 40.1090, 32.7115



30.7881, 40.1090, 36.0470



31.3441, 40.1090, 56.8420

Sweetspot

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



46.5389, 40.1108, 52.3035



87.6326, 87.1673, 100.2554



40.5544, 36.7467, 64.6305



18.4758, 18.1736, 21.1228



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.



46.5389, 40.1108, 52.3035



70.2448, 57.6868, 78.1355



43.9410, 39.0716, 38.6232



12.1079, 11.9279, 13.8439



18.6528, 9.3340, 13.6097



1.0812, 0.5372, 0.9626

Inverse Universe

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



46.5389, 40.1108, 52.3035



70.2448, 57.6868, 78.1355



46.5088, 56.2329, 64.0947



12.1079, 11.9279, 13.8439



18.6528, 9.3340, 13.6097



1.0812, 0.5372, 0.9626

Previews

White Background



This preview shows how the XYZ color 46.5377, 40.1090, 52.3027 looks on a white background.

Color Contrast Check

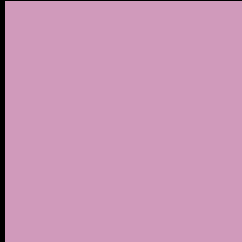
Large Text (above 18pt) WCAG AA × Fail

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 46.5377, 40.1090, 52.3027 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 46.5377, 40.1090, 52.3027

Background



This preview shows how black text looks on a background with the XYZ color 46.5377, 40.1090, 52.3027.



This preview shows how white text looks on a background with the XYZ color 46.5377, 40.1090,

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

46.5377, 40.1090, 52.3027

Protanopia

39.6688, 40.3608, 57.9242

Deuteranopia

41.0345, 40.1163, 51.4794



Tritanopia

44.6720, 40.1003, 42.9218

Trichromacy



Original Color

46.5377, 40.1090, 52.3027

Protanomaly

41.9572, 40.2249, 56.0049

Deuteranomaly

42.8430, 39.9821, 51.9136

Tritanomaly

45.4571, 40.1769, 46.4334

Monochromacy



Original Color

46.5377, 40.1090, 52.3027

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.2051, 41.3312, 48.4011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5377, 40.1090, 52.3027 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, 154, 187)` looks like.

```
.text, #text, p{  
    color:rgb(208, 154, 187)  
}
```

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, 154, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 154, 187) }
```

Border

The CSS property to change the border of an element to XYZ 46.5377, 40.1090, 52.3027 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, 154, 187) }
```


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

```
.border{ border-color:rgb(208, 154, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 154, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 154, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 154, 187);  
box-shadow:4px 4px 4px 4px rgb(208, 154,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5377, 40.1090, 52.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 154, 187) }
```

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

```
.background{ background-color: rgb(208,  
154, 187) }
```

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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