

Converting Colors

XYZ(46.3140, 40.9652, 53.6102)

Have a look what the booklet for
XYZ(46.3140, 40.9652, 53.6102)
contains.

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Color

**XYZ(46.3140, 40.9652,
53.6102)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9EBD
RGB	204, 158, 189
RGB Percent	80%, 62%, 74%
CMY	0.2000, 0.3804, 0.2588
CMYK	0.00, 0.23, 0.07, 0.20
HSL	320°, 31%, 71%
HSV	320°, 23%, 80%
XYZ	46.3140, 40.9652, 53.6102
YIQ	175.2880, 17.4650, 19.3930

Conversions

Conversions Part 2

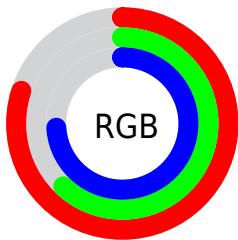
Format	Color
R_{YB}	204, 158, 189
Decimal	13409981
CIE _{Lab}	70.15, 22.11, -9.39
CIE _{LCh}	70, 24.023, 336.989
Yxy	40.9652, 0.3287, 0.2908
Android (android.graphics.Color)	4291600061 (0xFFCC9EBD)
YUV	175.2880, 6.7600, 25.1804
Hunter-Lab	64.0041, 17.1573, -4.8588

Details

The XYZ color **46.3140, 40.9652, 53.6102** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.2379, 53.4731, 47.5800**, and the grayscale version is **40.8574, 42.9852, 46.8109**.

A 20% lighter version of the original color is **81.5157, 75.4411, 96.6514**, and **21.9924, 18.4752, 25.6995** is the 20% darker color. If you saturate the color by 10%, you get **42.4135, 34.2930, 48.8287**, and if you desaturate by 10%, it is **50.8276, 48.8094, 58.7604**.

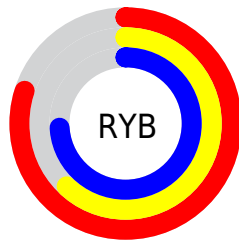
Distribution



Red (80%)

Green (62%)

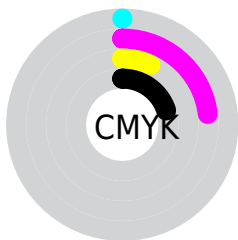
Blue (74%)



Red (80%)

Yellow (62%)

Blue (74%)

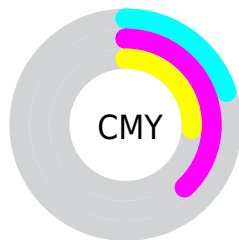


Cyan (0%)

Magenta (23%)

Yellow (7%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3140, 40.9652, 53.6102 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 46.3140, 40.9652, 53.6102 by changing the saturation by 10% instead.


 46.3140, 40.9652,
53.6102


 46.3140, 40.9652,
53.6102


362.7644,
350.1751, 417.7543

 32.6993, 28.2919,
37.8991


 83.9137, 76.6311,
96.9523

 22.0544, 18.5458,
25.6031


 108.6295,
100.3924, 125.4203

 14.0137, 11.3426,
16.3039


137.7764,
128.6186, 158.9777

 8.2119, 6.2977,
9.5828

171.7197,
161.6939, 198.0431

 4.2838, 3.0270,
5.0212

210.8248,
200.0028, 243.0348

 1.8639, 1.1458,
2.2008

255.4570,

 0.5557, 0.0168,

243.9298, 294.3716

0.6748

305.9818,
293.8591, 352.4719

■ 0.0000, 0.0000,
0.0000

■ 46.3140, 40.9652,
53.6102

■ 46.3140, 40.9652,
53.6102

■ 42.4135, 34.2930,
48.8287

■ 50.8276, 48.8094,
58.7604

■ 39.0936, 28.7304,
44.4016

■ 55.9777, 57.8735,
64.2879

■ 36.3242, 24.2170,
40.3171

■ 61.7907, 68.2090,
70.2041

■ 34.0708, 20.6848,
36.5614

■ 68.2906, 79.8633,
76.5189

■ 32.2950, 18.0577,
33.1194

■ 73.8824, 89.6456,
82.7027

■ 30.9527, 16.2481,
29.9741

■ 74.7934, 90.0100,
87.4999

■ 29.9908, 15.1509,
27.1053

■ 75.7400, 90.3887,
92.4846

■ 29.4515, 14.6573,
25.1224

■ 76.7226, 90.7817,
97.6589

■ 77.7416, 91.1893,
103.0247

Harmonies

Analogous

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



43.6620, 40.9652, 64.2198



46.3140, 40.9652, 53.6102



46.9287, 40.9652, 42.0222

Triad

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



46.3140, 40.9652, 53.6102



38.0239, 40.9652, 26.3870



33.2068, 40.9652, 58.9334

Complementary

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



46.3140, 40.9652, 53.6102



43.2379, 53.4731, 47.5800

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.



31.9070, 40.9652, 47.2897



46.3140, 40.9652, 53.6102



34.5643, 40.9652, 29.4547

Square

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



46.3140, 40.9652, 53.6102



41.9655, 40.9652, 27.5025



32.3867, 40.9652, 36.6678



36.0563, 40.9652, 67.6364

Rectangle

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



46.3140, 40.9652, 53.6102



46.0656, 40.9652, 35.4859



32.3867, 40.9652, 36.6678



32.5832, 40.9652, 55.1642

Sweetspot

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



46.3152, 40.9670, 53.6111



88.6944, 88.7660, 102.2277



40.2656, 37.6503, 62.2724



18.8724, 18.8028, 21.7610



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.



46.3152, 40.9670, 53.6111



73.4739, 62.2984, 84.9044



44.0529, 40.0621, 41.6980



11.5259, 11.3391, 13.3039



18.5813, 9.2431, 16.0457



0.9925, 0.4904, 1.0066

Inverse Universe

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



46.3152, 40.9670, 53.6111



73.4739, 62.2984, 84.9044



45.6093, 54.4217, 60.0679



11.5259, 11.3391, 13.3039



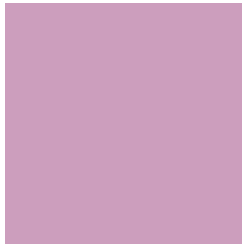
18.5813, 9.2431, 16.0457



0.9925, 0.4904, 1.0066

Previews

White Background



This preview shows how the XYZ color 46.3140, 40.9652, 53.6102 looks on a white background.

Color Contrast Check

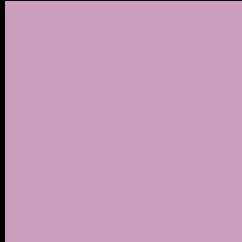
Large Text (above 18pt) WCAG AA × Fail

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 46.3140, 40.9652, 53.6102 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 46.3140, 40.9652, 53.6102

Background



This preview shows how black text looks on a background with the XYZ color 46.3140, 40.9652, 53.6102.



This preview shows how white text looks on a background with the XYZ color 46.3140, 40.9652,

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

46.3140, 40.9652, 53.6102

Protanopia

40.3891, 40.9962, 58.6076

Deuteranopia

41.8444, 41.0490, 52.7315



Tritanopia

44.6448, 41.0634, 45.1082

Trichromacy



Original Color

46.3140, 40.9652, 53.6102

Protanomaly

42.1962, 40.8708, 56.7038

Deuteranomaly

43.3388, 41.0006, 53.2067

Tritanomaly

45.3361, 41.0928, 48.1901

Monochromacy



Original Color

46.3140, 40.9652, 53.6102

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.6759, 42.1103, 49.0589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3140, 40.9652, 53.6102 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(204, 158, 189)` looks like.

```
.text, #text, p{  
    color:rgb(204, 158, 189)  
}
```

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(204, 158, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 158, 189) }
```

Border

The CSS property to change the border of an element to XYZ 46.3140, 40.9652, 53.6102 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(204, 158, 189) }
```


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

```
.border{ border-color:rgb(204, 158, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 158, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 158, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 158, 189);  
box-shadow:4px 4px 4px 4px rgb(204, 158,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3140, 40.9652, 53.6102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 158, 189) }
```

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

```
.background{ background-color: rgb(204,  
158, 189) }
```

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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