

Converting Colors

XYZ(40.6153, 36.3019, 47.2532)

Have a look what the booklet for
XYZ(40.6153, 36.3019, 47.2532)
contains.

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Color

**XYZ(40.5289, 36.1437,
47.4882)**

Conversions

Conversions Part 1

Format	Color
Hex	BF96B3
RGB	191, 150, 179
RGB Percent	75%, 59%, 70%
CMY	0.2510, 0.4117, 0.2980
CMYK	0.00, 0.21, 0.06, 0.25
HSL	318°, 24%, 67%
HSV	318°, 21%, 75%
XYZ	40.5289, 36.1437, 47.4882
YIQ	165.5650, 15.1270, 17.7110

Conversions

Conversions Part 2

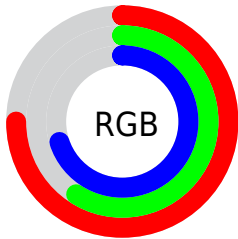
Format	Color
R_{YB}	191, 150, 179
Decimal	12555955
CIE _{Lab}	66.63, 20.18, -9.21
CIE _{LCh}	67, 22.178, 335.472
Yxy	36.1437, 0.3264, 0.2911
Android (android.graphics.Color)	4290746035 (0xFFBF96B3)
YUV	165.5650, 6.6235, 22.3065
Hunter-Lab	60.1196, 15.1242, -4.7491

Details

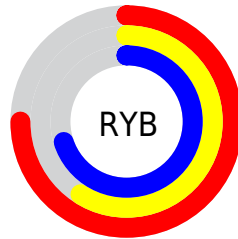
The XYZ color **40.5289, 36.1437, 47.4882** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.7315, 46.3553, 41.1433**, and the grayscale version is **36.0005, 37.8754, 41.2463**.

A 20% lighter version of the original color is **75.2997, 69.1403, 87.9740**, and **18.5443, 15.7484, 21.8010** is the 20% darker color. If you saturate the color by 10%, you get **37.1722, 30.3164, 43.6361**, and if you desaturate by 10%, it is **44.4075, 42.9769, 51.6282**.

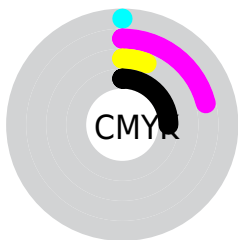
Distribution



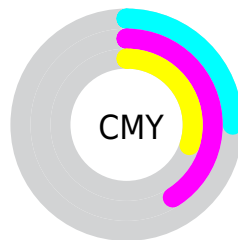
- Red (75%)
- Green (59%)
- Blue (70%)



- Red (75%)
- Yellow (59%)
- Blue (70%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (25%)



- Cyan (25%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5289, 36.1437, 47.4882 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 40.5289, 36.1437, 47.4882 by changing the saturation by 10% instead.

■ 40.5289, 36.1437,
47.4882

■ 40.5289, 36.1437,
47.4882

339.4441,
329.5882, 393.2099

■ 28.1372, 24.5452,
33.0647

■ 75.2475, 69.2538,
87.7995

■ 18.5701, 15.7385,
21.9045

■ 98.3050, 91.5342,
114.5243

■ 11.4622, 9.3393,
13.5891

125.6486,
118.1440, 146.1867

■ 6.4482, 4.9632,
7.6999

157.6436,
149.4676, 183.2050

■ 3.1627, 2.2257,
3.8185

194.6552,
185.8895, 225.9980

■ 1.2404, 0.7339,
1.5263

237.0490,

■ 0.1379, 0.0000,

227.7939, 274.9841

0.2374

285.1902,
275.5654, 330.5819

■ 0.0000, 0.0000,
0.0000

■ 40.5289, 36.1437,
47.4882

■ 40.5289, 36.1437,
47.4882

■ 37.1722, 30.3164,
43.6361

■ 44.4075, 42.9769,
51.6282

■ 34.3098, 25.4421,
40.0602

■ 48.8273, 50.8561,
56.0626

■ 31.9165, 21.4701,
36.7511

■ 53.8109, 59.8251,
60.8006

■ 29.9635, 18.3433,
33.6979

■ 59.3782, 69.9238,
65.8502

■ 28.4186, 15.9979,
30.8884

■ 65.5485, 81.1900,
71.2190

■ 27.2452, 14.3609,
28.3090

■ 69.1988, 87.3776,
75.8672

■ 26.3997, 13.3456,
25.9437

■ 69.9189, 87.6656,
79.6592

■ 25.8659, 12.8284,
24.0691

■ 70.6637, 87.9635,
83.5813

■ 71.4334, 88.2714,
87.6347

Harmonies

Analogous

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



38.2138, 36.1437, 56.3005



40.5289, 36.1437, 47.4882



41.1460, 36.1437, 37.6277

Triad

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



40.5289, 36.1437, 47.4882



33.7452, 36.1437, 23.7474



29.3876, 36.1437, 51.0124

Complementary

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



40.5289, 36.1437, 47.4882



37.7315, 46.3553, 41.1433

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.



28.3530, 36.1437, 41.1330



40.5289, 36.1437, 47.4882



30.7624, 36.1437, 26.2036

Square

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



40.5289, 36.1437, 47.4882



37.0872, 36.1437, 24.8899



28.8396, 36.1437, 32.2067



31.7576, 36.1437, 58.5550

Rectangle

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



40.5289, 36.1437, 47.4882



40.4791, 36.1437, 31.9674



28.8396, 36.1437, 32.2067



28.8793, 36.1437, 47.7996

Sweetspot

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



40.5300, 36.1453, 47.4890



83.6600, 84.3095, 96.6627



35.1344, 33.2174, 53.8507



18.2561, 18.3088, 21.1110



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.



40.5300, 36.1453, 47.4890



69.4996, 59.3516, 81.5750



38.6414, 35.3899, 37.5438



9.8077, 9.6474, 11.3763



17.0350, 8.4452, 16.0098



0.6945, 0.3417, 0.7705

Inverse Universe

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



40.5300, 36.1453, 47.4890



69.4996, 59.3516, 81.5750



39.6653, 47.1288, 51.3264



9.8077, 9.6474, 11.3763



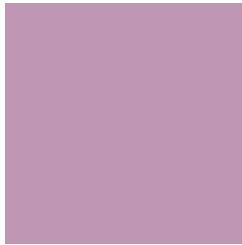
17.0350, 8.4452, 16.0098



0.6945, 0.3417, 0.7705

Previews

White Background



This preview shows how the XYZ color 40.5289, 36.1437, 47.4882 looks on a white background.

Color Contrast Check

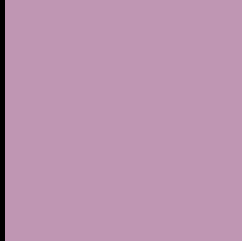
Large Text (above 18pt) WCAG AA × Fail

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 40.5289, 36.1437, 47.4882 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 40.5289, 36.1437, 47.4882

Background



This preview shows how black text looks on a background with the XYZ color 40.5289, 36.1437, 47.4882.



This preview shows how white text looks on a background with the XYZ color 40.5289, 36.1437,

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

40.5289, 36.1437, 47.4882

Protanopia

35.7083, 36.3040, 51.5797

Deuteranopia

37.0573, 36.3260, 47.1780



Tritanopia

39.0783, 36.2816, 40.0654

Trichromacy



Original Color

40.5289, 36.1437, 47.4882

Protanomaly

37.1818, 36.0789, 49.8040

Deuteranomaly

38.1173, 36.1220, 47.0827

Tritanomaly

39.6249, 36.2682, 42.4481

Monochromacy



Original Color

40.5289, 36.1437, 47.4882

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.6007, 37.1958, 43.7258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5289, 36.1437, 47.4882 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(191, 150, 179)` looks like.

```
.text, #text, p{  
    color:rgb(191, 150, 179)  
}
```

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(191, 150, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 150, 179) }
```

Border

The CSS property to change the border of an element to XYZ 40.5289, 36.1437, 47.4882 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(191, 150, 179) }
```


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

```
.border{ border-color:rgb(191, 150, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 150, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 150, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 150, 179); box-shadow:4px 4px 4px 4px rgb(191, 150, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5289, 36.1437, 47.4882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 150, 179) }
```

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

```
.background{ background-color: rgb(191,  
150, 179) }
```

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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