

Converting Colors

XYZ(39.9574, 36.7189, 54.2474)

Have a look what the booklet for
XYZ(39.9574, 36.7189, 54.2474)
contains.

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Color

**XYZ(40.0156, 36.6965,
54.2643)**

Conversions

Conversions Part 1

Format	Color
Hex	B59ABF
RGB	181, 154, 191
RGB Percent	71%, 60%, 75%
CMY	0.2902, 0.3961, 0.2510
CMYK	0.05, 0.19, 0.00, 0.25
HSL	284°, 22%, 68%
HSV	284°, 19%, 75%
XYZ	40.0156, 36.6965, 54.2643
YIQ	166.2910, 4.2150, 17.2310

Conversions

Conversions Part 2

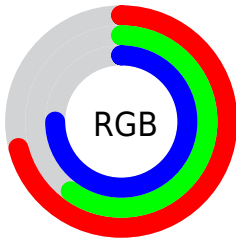
Format	Color
R_{YB}	181, 154, 191
Decimal	11901631
CIE _{Lab}	67.05, 16.77, -15.38
CIE _{LCh}	67, 22.758, 317.483
Yxy	36.6965, 0.3055, 0.2802
Android (android.graphics.Color)	4290091711 (0xFFB59ABF)
YUV	166.2910, 12.1815, 12.8998
Hunter-Lab	60.5776, 11.9004, -10.7065

Details

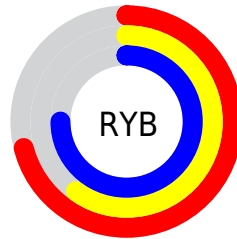
The XYZ color **40.0156, 36.6965, 54.2643** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.7746, 47.4881, 37.6434**, and the grayscale version is **36.3286, 38.2205, 41.6222**.

A 20% lighter version of the original color is **74.2694, 69.8317, 97.5601**, and **18.3398, 16.1247, 26.1905** is the 20% darker color. If you saturate the color by 10%, you get **35.9228, 30.2741, 53.2409**, and if you desaturate by 10%, it is **44.6571, 44.1483, 55.4586**.

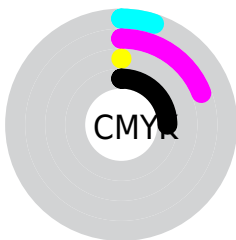
Distribution



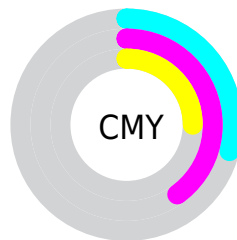
- Red (71%)
- Green (60%)
- Blue (75%)



- Red (71%)
- Yellow (60%)
- Blue (75%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (25%)



- Cyan (29%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0156, 36.6965, 54.2643 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 40.0156, 36.6965, 54.2643 by changing the saturation by 10% instead.

■ 40.0156, 36.6965,
54.2643

■ 40.0156, 36.6965,
54.2643

337.3226,
331.9947, 420.3201

■ 27.7350, 24.9726,
38.4184

■ 74.4715, 70.1058,
97.9225

■ 18.2654, 16.0566,
26.0032

■ 97.3774, 92.5599,
126.5719

■ 11.2415, 9.5642,
16.6003

124.5558,
119.3596, 160.3262

■ 6.2980, 5.1110,
9.7910

156.3721,
150.8891, 199.6039

■ 3.0695, 2.3125,
5.1568

193.1915,
187.5331, 244.8236

■ 1.1906, 0.7803,
2.2792

235.3795,

■ 0.0990, 0.0000,

229.6757, 296.4039

0.7195

283.3014,
277.7014, 354.7632

■ 0.0000, 0.0000,
0.0000

■ 40.0156, 36.6965,
54.2643

■ 40.0156, 36.6965,
54.2643

■ 35.9228, 30.2741,
53.2409

■ 44.6571, 44.1483,
55.4586

■ 32.3511, 24.8289,
52.3781

■ 49.8666, 52.6693,
56.8287

■ 29.2757, 20.3110,
51.6682

■ 55.6662, 62.3029,
58.3825

■ 26.6681, 16.6642,
51.1017

■ 62.0763, 73.0885,
60.1265

■ 24.4966, 13.8261,
50.6684

■ 69.1159, 85.0638,
62.0669

■ 22.7256, 11.7259,
50.3563

■ 72.3084, 89.2751,
62.7115

■ 21.3129, 10.2802,
50.1517

■ 73.8204, 90.0545,
62.7823

■ 20.1823, 9.3374,
50.0293

■ 75.3804, 90.8587,
62.8553

■ 20.1147, 9.2831,
50.0224

■ 76.9888, 91.6879,
62.9306

Harmonies

Analogous

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



36.9159, 36.6965, 61.0222



40.0156, 36.6965, 54.2643



41.7846, 36.6965, 44.2293

Triad

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



40.0156, 36.6965, 54.2643



36.3407, 36.6965, 24.0937



28.9108, 36.6965, 45.9575

Complementary

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



40.0156, 36.6965, 54.2643



39.7746, 47.4881, 37.6434

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.



28.7794, 36.6965, 35.9677



40.0156, 36.6965, 54.2643



32.9183, 36.6965, 24.4000

Square

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



40.0156, 36.6965, 54.2643



39.5706, 36.6965, 27.4944



30.2018, 36.6965, 28.4142



30.5736, 36.6965, 55.7083

Rectangle

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



40.0156, 36.6965, 54.2643



41.8992, 36.6965, 37.5261



30.2018, 36.6965, 28.4142



28.6902, 36.6965, 42.4891

Sweetspot

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



40.0167, 36.6981, 54.2651



82.9219, 83.8523, 100.0938



36.0939, 37.3574, 54.5991



18.0766, 18.1976, 21.9450



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.



40.0167, 36.6981, 54.2651



68.6259, 60.9147, 96.4199



41.5880, 37.6073, 49.8585



9.6716, 9.5631, 12.0083



13.2990, 6.1420, 32.8775



0.5803, 0.2712, 1.2906

Inverse Universe

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



39.7435, 36.8695, 40.1454



68.1151, 61.3124, 66.5324



38.4816, 46.7418, 41.1856



9.6332, 9.5776, 10.4577



14.5514, 7.4517, 2.9311



0.5984, 0.3033, 0.2645

Previews

White Background



This preview shows how the XYZ color 40.0156, 36.6965, 54.2643 looks on a white background.

Color Contrast Check

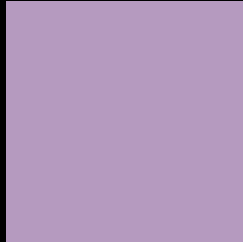
Large Text (above 18pt) WCAG AA × Fail

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 40.0156, 36.6965, 54.2643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

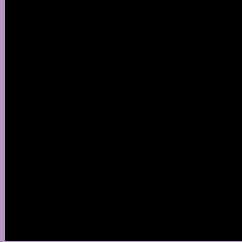
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0156, 36.6965, 54.2643

Background



This preview shows how black text looks on a background with the XYZ color 40.0156, 36.6965, 54.2643.



This preview shows how white text looks on a background with the XYZ color 40.0156, 36.6965,

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

40.0156, 36.6965, 54.2643

Protanopia

36.5944, 36.8941, 57.4171

Deuteranopia

37.4183, 36.6210, 53.8116



Tritanopia

37.8427, 36.8210, 43.1428

Trichromacy



Original Color

40.0156, 36.6965, 54.2643

Protanomaly

37.6528, 36.6906, 56.1364

Deuteranomaly

38.1458, 36.4896, 53.7479

Tritanomaly

38.6833, 36.9120, 47.2054

Monochromacy



Original Color

40.0156, 36.6965, 54.2643

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.4528, 37.5937, 45.8398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0156, 36.6965, 54.2643 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(181, 154, 191)` looks like.

```
.text, #text, p{  
    color:rgb(181, 154, 191)  
}
```

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(181, 154, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 154, 191) }
```

Border

The CSS property to change the border of an element to XYZ 40.0156, 36.6965, 54.2643 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(181, 154, 191) }
```


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

```
.border{ border-color:rgb(181, 154, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 154, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 154, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 154, 191);  
box-shadow:4px 4px 4px 4px rgb(181, 154,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0156, 36.6965, 54.2643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 154, 191) }
```

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

```
.background{ background-color: rgb(181,  
154, 191) }
```

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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