

Converting Colors

XYZ(40.4660, 35.5973, 64.1618)

Have a look what the booklet for
XYZ(40.4660, 35.5973, 64.1618)
contains.

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Color

**XYZ(40.4927, 35.5139,
64.3952)**

Conversions

Conversions Part 1

Format	Color
Hex	B295D0
RGB	178, 149, 208
RGB Percent	70%, 58%, 82%
CMY	0.3020, 0.4157, 0.1843
CMYK	0.14, 0.28, 0.00, 0.18
HSL	269°, 39%, 70%
HSV	269°, 28%, 82%
XYZ	40.4927, 35.5139, 64.3952
YIQ	164.3970, -1.6550, 24.4970

Conversions

Conversions Part 2

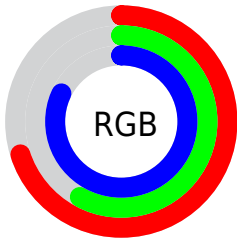
Format	Color
R _Y B	178, 149, 208
Decimal	11703760
CIE Lab	66.15, 22.15, -26.25
CIE LCh	66, 34.340, 310.157
Yxy	35.5139, 0.2884, 0.2529
Android (android.graphics.Color)	4289893840 (0xFFB295D0)
YUV	164.3970, 21.4963, 11.9298
Hunter-Lab	59.5935, 16.9987, -22.3517

Details

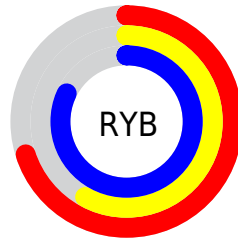
The XYZ color **40.4927, 35.5139, 64.3952** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.5722, 56.8662, 36.9570**, and the grayscale version is **35.3780, 37.2204, 40.5330**.

A 20% lighter version of the original color is **73.3376, 67.4243, 103.7566**, and **18.5749, 15.3952, 32.1296** is the 20% darker color. If you saturate the color by 10%, you get **35.1574, 28.3075, 63.2860**, and if you desaturate by 10%, it is **46.6051, 43.9950, 65.7106**.

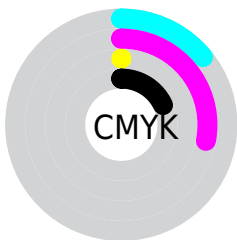
Distribution



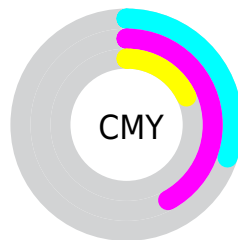
- Red (70%)
- Green (58%)
- Blue (82%)



- Red (70%)
- Yellow (58%)
- Blue (82%)



- Cyan (14%)
- Magenta (28%)
- Yellow (0%)
- Black (18%)



- Cyan (30%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4927, 35.5139, 64.3952 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 40.4927, 35.5139, 64.3952 by changing the saturation by 10% instead.

40.4927, 35.5139,
64.3952

40.4927, 35.5139,
64.3952

339.2948,
326.8309, 458.8620

28.1088, 24.0590,
46.5226

75.1928, 68.2811,
112.7848

18.5486, 15.3774,
32.3068

98.2397, 90.3622,
144.1389

11.4466, 9.0847,
21.3292

125.5717,
116.7542, 180.8240

6.4376, 4.7965,
13.1712

157.5540,
147.8415, 223.2585

3.1561, 2.1283,
7.4145

194.5522,
184.0083, 271.8610

1.2368, 0.6805,
3.6403

236.9315,

0.1352, 0.0000,

225.6393, 327.0501

1.4302

285.0572,
273.1187, 389.2442

■ 0.0000, 0.0000,
0.1651

■ 0.0000, 0.0000,
0.0000

■ 40.4927, 35.5139,
64.3952

■ 40.4927, 35.5139,
64.3952

■ 35.1574, 28.3075,
63.2860

■ 46.6051, 43.9950,
65.7106

■ 30.5603, 22.3068,
62.3700

■ 53.5241, 53.8065,
67.2398

■ 26.6641, 17.4425,
61.6365

■ 61.2819, 65.0058,
68.9926

■ 23.4261, 13.6364,
61.0725

■ 69.9078, 77.6460,
70.9777

■ 20.7987, 10.8001,
60.6635

■ 79.4295, 91.7769,
73.2034

■ 18.7265, 8.8297,
60.3924

■ 83.5783, 94.8560,
73.5791

■ 17.1273, 7.5691,
60.2334

■ 87.3036, 96.7765,
73.7534

■ 16.8916, 7.3927,
60.2117

■ 88.3853, 97.3341,
73.8041

Harmonies

Analogous

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



35.5165, 35.5139, 73.4880



40.4927, 35.5139, 64.3952



43.8612, 35.5139, 49.0236

Triad

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



40.4927, 35.5139, 64.3952



37.1996, 35.5139, 17.7869



24.9812, 35.5139, 43.8436

Complementary

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



40.4927, 35.5139, 64.3952



46.5722, 56.8662, 36.9570

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.



25.3340, 35.5139, 29.8852



40.4927, 35.5139, 64.3952



32.0525, 35.5139, 17.0644

Square

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



40.4927, 35.5139, 64.3952



41.8311, 35.5139, 23.2184



27.8093, 35.5139, 20.9092



26.7914, 35.5139, 59.7910

Rectangle

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



40.4927, 35.5139, 64.3952



44.5592, 35.5139, 38.5917



27.8093, 35.5139, 20.9092



24.8555, 35.5139, 38.7456

Sweetspot

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



40.4939, 35.5154, 64.3960



83.9970, 84.0749, 106.4087



39.9980, 43.3792, 65.9400



17.6187, 17.4814, 22.6956



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.



40.4939, 35.5154, 64.3960



58.9476, 49.1725, 100.9921



47.8704, 39.3181, 64.7412



11.7091, 11.6988, 14.8846



10.6387, 4.6648, 37.5322



0.6863, 0.3080, 2.1028

Inverse Universe

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



44.8976, 38.1609, 47.6486



67.2304, 54.1491, 69.4508



40.5565, 53.7650, 36.6754



12.0560, 11.9071, 13.5706



17.8751, 9.0229, 9.5145



1.0395, 0.5205, 0.7429

Previews

White Background



This preview shows how the XYZ color 40.4927, 35.5139, 64.3952 looks on a white background.

Color Contrast Check

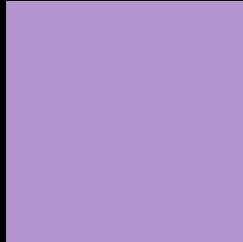
Large Text (above 18pt) WCAG AA × Fail

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 40.4927, 35.5139, 64.3952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

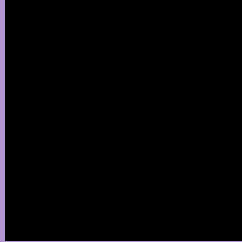
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4927, 35.5139, 64.3952

Background



This preview shows how black text looks on a background with the XYZ color 40.4927, 35.5139, 64.3952.



This preview shows how white text looks on a background with the XYZ color 40.4927, 35.5139,

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

40.4927, 35.5139, 64.3952

Protanopia

36.3409, 35.7223, 69.2697

Deuteranopia

36.5043, 35.6823, 63.3559



Tritanopia

36.0632, 35.4122, 42.4706

Trichromacy



Original Color

40.4927, 35.5139, 64.3952

Protanomaly

37.5096, 35.3643, 67.1364

Deuteranomaly

37.8841, 35.6291, 63.9119

Tritanomaly

37.3940, 35.2000, 49.6232

Monochromacy



Original Color

40.4927, 35.5139, 64.3952

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.9985, 36.5266, 48.2803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4927, 35.5139, 64.3952 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(178, 149, 208)` looks like.

```
.text, #text, p{  
    color:rgb(178, 149, 208)  
}
```

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(178, 149, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 149, 208) }
```

Border

The CSS property to change the border of an element to XYZ 40.4927, 35.5139, 64.3952 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(178, 149, 208) }
```


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

```
.border{ border-color:rgb(178, 149, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 149, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 149, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 149, 208);  
box-shadow:4px 4px 4px 4px rgb(178, 149,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4927, 35.5139, 64.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 149, 208) }
```

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

```
.background{ background-color: rgb(178,  
149, 208) }
```

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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