

Converting Colors

XYZ(43.4196, 40.2713, 67.3399)

Have a look what the booklet for
XYZ(43.4196, 40.2713, 67.3399)
contains.

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Color

**XYZ(43.2686, 40.1275,
67.0929)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A2D3
RGB	179, 162, 211
RGB Percent	70%, 64%, 83%
CMY	0.2980, 0.3647, 0.1725
CMYK	0.15, 0.23, 0.00, 0.17
HSL	261°, 36%, 73%
HSV	261°, 23%, 83%
XYZ	43.2686, 40.1275, 67.0929
YIQ	172.6690, -5.5970, 18.8430

Conversions

Conversions Part 2

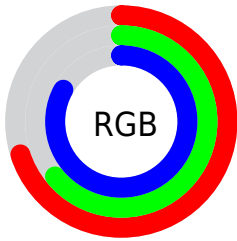
Format	Color
R_{YB}	179, 162, 211
Decimal	11772627
CIE _{Lab}	69.56, 15.84, -22.67
CIE _{LCh}	70, 27.658, 304.940
Yxy	40.1275, 0.2875, 0.2666
Android (android.graphics.Color)	4289962707 (0xFFB3A2D3)
YUV	172.6690, 18.8972, 5.5523
Hunter-Lab	63.3463, 11.0683, -18.4543

Details

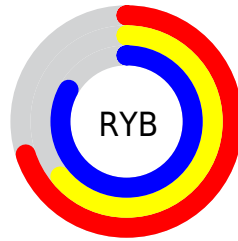
The XYZ color **43.2686, 40.1275, 67.0929** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.0653, 60.6675, 43.1501**, and the grayscale version is **39.4620, 41.5171, 45.2122**.

A 20% lighter version of the original color is **77.1238, 74.5079, 104.9243**, and **20.1809, 17.9878, 33.8608** is the 20% darker color. If you saturate the color by 10%, you get **36.8320, 31.7477, 65.8153**, and if you desaturate by 10%, it is **50.6497, 49.9219, 68.5950**.

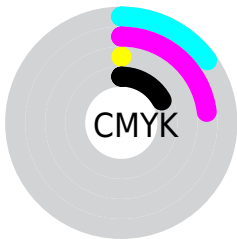
Distribution



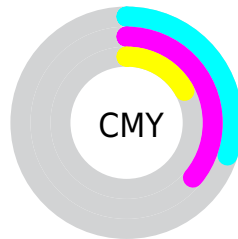
- Red (70%)
- Green (64%)
- Blue (83%)



- Red (70%)
- Yellow (64%)
- Blue (83%)



- Cyan (15%)
- Magenta (23%)
- Yellow (0%)
- Black (17%)



- Cyan (30%)
- Magenta (36%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2686, 40.1275, 67.0929 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 43.2686, 40.1275, 67.0929 by changing the saturation by 10% instead.

■ 43.2686, 40.1275,
67.0929

■ 43.2686, 40.1275,
67.0929

350.6180,
346.6607, 468.7859

■ 30.2914, 27.6380,
48.6981

■ 79.3692, 75.3576,
116.6954

■ 20.2090, 18.0529,
34.0161

■ 103.2233, 98.8670,
148.7402

■ 12.6562, 10.9880,
22.6285

131.4337,
126.8185, 186.1720

■ 7.2676, 6.0588,
14.1167

164.3658,
159.5964, 229.4094

■ 3.6778, 2.8808,
8.0622

202.3849,
197.5852, 278.8710

■ 1.5215, 1.0698,
4.0464

245.8564,

■ 0.3404, 0.0000,

241.1692, 334.9752

1.6509

295.1457,
290.7329, 398.1407

■ 0.0000, 0.0000,
0.3267

■ 0.0000, 0.0000,
0.0000

■ 43.2686, 40.1275,
67.0929

■ 43.2686, 40.1275,
67.0929

■ 36.8320, 31.7477,
65.8153

■ 50.6497, 49.9219,
68.5950

■ 31.2956, 24.7106,
64.7488

■ 59.0093, 61.1884,
70.3291

■ 26.6172, 18.9453,
63.8826

■ 68.3844, 73.9873,
72.3054

■ 22.7494, 14.3721,
63.2037

■ 78.8086, 88.3740,
74.5329

■ 19.6398, 10.9021,
62.6979

■ 86.1947, 96.1618,
75.6468

■ 17.2288, 8.4334,
62.3484

■ 88.7580, 97.4832,
75.7668

■ 15.4461, 6.8437,
62.1355

■ 14.5209, 6.1275,
62.0461

Harmonies

Analogous

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



38.8837, 40.1275, 73.0346



43.2686, 40.1275, 67.0929



46.4533, 40.1275, 54.9500

Triad

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



43.2686, 40.1275, 67.0929



41.8914, 40.1275, 24.9969



30.2137, 40.1275, 45.8425

Complementary

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



43.2686, 40.1275, 67.0929



52.0653, 60.6675, 43.1501

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.



30.8828, 40.1275, 34.0873



43.2686, 40.1275, 67.0929



37.4058, 40.1275, 23.4965

Square

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



43.2686, 40.1275, 67.0929



45.6157, 40.1275, 31.0745



33.4335, 40.1275, 26.4838



31.5292, 40.1275, 59.3322

Rectangle

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



43.2686, 40.1275, 67.0929



47.3420, 40.1275, 45.8957



33.4335, 40.1275, 26.4838



30.2150, 40.1275, 41.5601

Sweetspot

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



43.2699, 40.1292, 67.0938



85.4581, 86.9910, 106.8946



46.1000, 51.2668, 69.0944



18.1223, 18.3913, 22.8447



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.



43.2699, 40.1292, 67.0938



61.2242, 54.7986, 101.9581



49.2626, 43.2185, 67.3743



11.5449, 11.6142, 14.8769



8.8634, 3.7495, 37.4491



0.5803, 0.2533, 2.0979

Inverse Universe

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



49.5232, 43.5862, 56.8434



72.6127, 61.1011, 82.9988



46.4308, 57.7628, 42.8864



12.1293, 11.9365, 13.9568



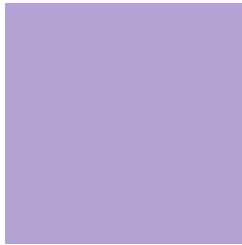
19.0221, 9.4817, 15.5546



1.1002, 0.5448, 1.0627

Previews

White Background



This preview shows how the XYZ color 43.2686, 40.1275, 67.0929 looks on a white background.

Color Contrast Check

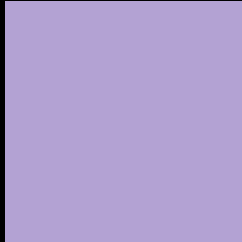
Large Text (above 18pt) WCAG AA × Fail

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 43.2686, 40.1275, 67.0929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

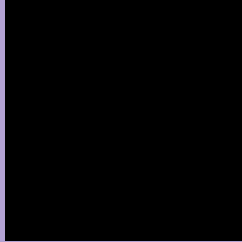
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2686, 40.1275, 67.0929

Background



This preview shows how black text looks on a background with the XYZ color 43.2686, 40.1275, 67.0929.



This preview shows how white text looks on a background with the XYZ color 43.2686, 40.1275,

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

43.2686, 40.1275, 67.0929

Protanopia

40.3689, 40.1807, 69.9180

Deuteranopia

40.9950, 40.0326, 66.5392



Tritanopia

39.7987, 40.3401, 49.4049

Trichromacy



Original Color

43.2686, 40.1275, 67.0929

Protanomaly

41.4997, 40.2345, 69.1971

Deuteranomaly

41.8826, 40.2213, 66.5288

Tritanomaly

41.0551, 40.3083, 55.4856

Monochromacy



Original Color

43.2686, 40.1275, 67.0929

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.8368, 41.0778, 52.7902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2686, 40.1275, 67.0929 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(179, 162, 211)` looks like.

```
.text, #text, p{  
    color:rgb(179, 162, 211)  
}
```

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(179, 162, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 162, 211) }
```

Border

The CSS property to change the border of an element to XYZ 43.2686, 40.1275, 67.0929 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(179, 162, 211) }
```


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

```
.border{ border-color:rgb(179, 162, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 162, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 162, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 162, 211);  
box-shadow:4px 4px 4px 4px rgb(179, 162,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2686, 40.1275, 67.0929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 162, 211) }
```

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

```
.background{ background-color: rgb(179,  
162, 211) }
```

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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