

Converting Colors

XYZ(40.5084, 34.7469, 66.3006)

Have a look what the booklet for
XYZ(40.5084, 34.7469, 66.3006)
contains.

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Color

**XYZ(40.6272, 34.8446,
66.2124)**

Conversions

Conversions Part 1

Format	Color
Hex	B392D3
RGB	179, 146, 211
RGB Percent	70%, 57%, 83%
CMY	0.2980, 0.4274, 0.1725
CMYK	0.15, 0.31, 0.00, 0.17
HSL	270°, 42%, 70%
HSV	270°, 31%, 83%
XYZ	40.6272, 34.8446, 66.2124
YIQ	163.2770, -1.1970, 27.2110

Conversions

Conversions Part 2

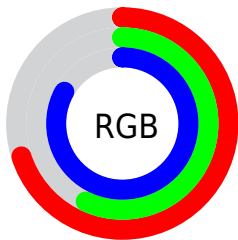
Format	Color
R_{YB}	179, 146, 211
Decimal	11768531
CIE _{Lab}	65.63, 24.80, -28.71
CIE _{LCh}	66, 37.935, 310.825
Yxy	34.8446, 0.2867, 0.2459
Android (android.graphics.Color)	4289958611 (0xFFB392D3)
YUV	163.2770, 23.5274, 13.7891
Hunter-Lab	59.0293, 19.5522, -25.1843

Details

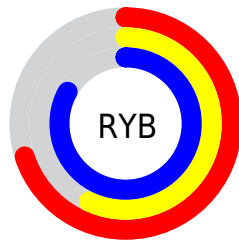
The XYZ color **40.6272, 34.8446, 66.2124** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.8436, 58.1296, 35.9468**, and the grayscale version is **34.8373, 36.6515, 39.9135**.

A 20% lighter version of the original color is **72.9652, 66.1907, 103.5381**, and **18.5504, 14.9447, 33.3594** is the 20% darker color. If you saturate the color by 10%, you get **35.3590, 27.7385, 65.1190**, and if you desaturate by 10%, it is **46.6788, 43.2474, 67.5159**.

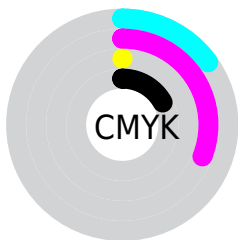
Distribution



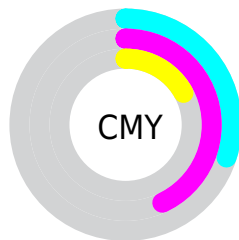
- Red (70%)
- Green (57%)
- Blue (83%)



- Red (70%)
- Yellow (57%)
- Blue (83%)



- Cyan (15%)
- Magenta (31%)
- Yellow (0%)
- Black (17%)



- Cyan (30%)
- Magenta (43%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6272, 34.8446, 66.2124 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 40.6272, 34.8446, 66.2124 by changing the saturation by 10% instead.

40.6272, 34.8446,
66.2124

40.6272, 34.8446,
66.2124

339.8493,
323.8819, 465.5611

28.2143, 23.5432,
47.9873

75.3959, 67.2450,
115.4210

18.6285, 14.9951,
33.4569

98.4825, 89.1127,
147.2416

11.5046, 8.8160,
22.2027

125.8576,
115.2713, 184.4311

6.4771, 4.6213,
13.8062

157.8866,
146.1053, 227.4081

3.1807, 2.0268,
7.8488

194.9350,
181.9989, 276.5910

1.2500, 0.6230,
3.9120

237.3680,

0.1453, 0.0000,

223.3366, 332.3984

1.5772

285.5510,
270.5028, 395.2489

■ 0.0000, 0.0000,
0.2744

■ 0.0000, 0.0000,
0.0000

■ 40.6272, 34.8446,
66.2124

■ 40.6272, 34.8446,
66.2124

■ 35.3590, 27.7385,
65.1190

■ 46.6788, 43.2474,
67.5159

■ 30.8338, 21.8564,
64.2222

■ 53.5448, 53.0055,
69.0375

■ 27.0123, 17.1253,
63.5104

■ 61.2585, 64.1793,
70.7877

■ 23.8498, 13.4621,
62.9700

■ 69.8502, 76.8240,
72.7756

■ 21.2958, 10.7719,
62.5853

■ 79.3487, 90.9919,
75.0096

■ 19.2904, 8.9422,
62.3379

■ 83.9058, 94.9818,
75.5396

■ 17.8363, 7.8367,
62.2011

■ 87.5601, 96.8657,
75.7106

■ 88.7580, 97.4832,
75.7667

Harmonies

Analogous

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



35.1717, 34.8446, 76.7552



40.6272, 34.8446, 66.2124



44.3022, 34.8446, 48.9351

Triad

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



40.6272, 34.8446, 66.2124



36.7633, 34.8446, 15.7138



23.6719, 34.8446, 43.9984

Complementary

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



40.6272, 34.8446, 66.2124



46.8436, 58.1296, 35.9468

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.



23.9961, 34.8446, 28.7289



40.6272, 34.8446, 66.2124



31.1473, 34.8446, 15.0801

Square

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



40.6272, 34.8446, 66.2124



41.9042, 34.8446, 21.2098



26.5976, 34.8446, 19.1377



25.6560, 34.8446, 61.7385

Rectangle

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



40.6272, 34.8446, 66.2124



45.0263, 34.8446, 37.4998



26.5976, 34.8446, 19.1377



23.5207, 34.8446, 38.3833

Sweetspot

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



40.6284, 34.8460, 66.2132



84.1254, 84.1411, 106.4147



39.6332, 42.8555, 67.8116



17.6503, 17.4977, 22.6971



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.



40.6284, 34.8460, 66.2132



56.9014, 46.0775, 100.5026



48.9016, 39.1111, 66.6004



11.7276, 11.7084, 14.8855



10.8827, 4.7905, 37.5436



0.7000, 0.3150, 2.1035

Inverse Universe

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



45.1797, 37.6223, 47.0012



65.1984, 51.1374, 65.5292



40.3378, 54.7757, 35.6423



12.0479, 11.9039, 13.5278



17.7681, 8.9801, 8.9511



1.0335, 0.5181, 0.7114

Previews

White Background



This preview shows how the XYZ color 40.6272, 34.8446, 66.2124 looks on a white background.

Color Contrast Check

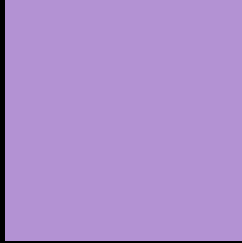
Large Text (above 18pt) WCAG AA × Fail

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 40.6272, 34.8446, 66.2124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

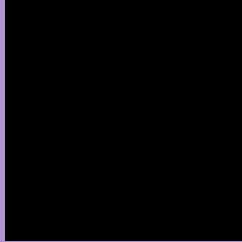
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6272, 34.8446, 66.2124

Background



This preview shows how black text looks on a background with the XYZ color 40.6272, 34.8446, 66.2124.



This preview shows how white text looks on a background with the XYZ color 40.6272, 34.8446,

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

40.6272, 34.8446, 66.2124

Protanopia

35.9597, 34.9440, 72.5597

Deuteranopia

35.7783, 35.0133, 65.1941



Tritanopia

35.7097, 35.0034, 41.4334

Trichromacy



Original Color

40.6272, 34.8446, 66.2124

Protanomaly

37.4332, 34.7608, 70.3822

Deuteranomaly

37.3222, 34.8065, 65.7240

Tritanomaly

37.4547, 34.9893, 49.5793

Monochromacy



Original Color

40.6272, 34.8446, 66.2124

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.6574, 35.8442, 48.1666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6272, 34.8446, 66.2124 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, 146, 211)` looks like.

```
.text, #text, p{  
    color:rgb(179, 146, 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, 146, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 146, 211) }
```

Border

The CSS property to change the border of an element to XYZ 40.6272, 34.8446, 66.2124 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, 146, 211) }
```


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

```
.border{ border-color:rgb(179, 146, 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, 146, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 146, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 146, 211);  
box-shadow:4px 4px 4px 4px rgb(179, 146,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6272, 34.8446, 66.2124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 146, 211) }
```

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

```
.background{ background-color: rgb(179,  
146, 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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