

Converting Colors

XYZ(40.0093, 26.4254, 80.0827)

Have a look what the booklet for XYZ(40.0093, 26.4254, 80.0827) contains.

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Color

**XYZ(40.0093, 26.4254,
80.0827)**

Conversions

Conversions Part 1

Format	Color
Hex	BA69E9
RGB	186, 105, 233
RGB Percent	73%, 41%, 91%
CMY	0.2706, 0.5882, 0.0863
CMYK	0.20, 0.55, 0.00, 0.09
HSL	278°, 74%, 66%
HSV	278°, 55%, 91%
XYZ	40.0093, 26.4254, 80.0827
YIQ	143.8110, 7.1880, 56.9800

Conversions

Conversions Part 2

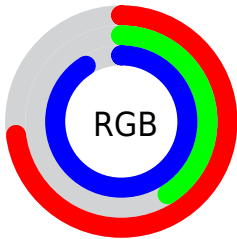
Format	Color
R _Y B	186, 105, 233
Decimal	12216809
CIE Lab	58.44, 53.87, -52.19
CIE LCh	58, 75.003, 315.906
Yxy	26.4254, 0.2731, 0.1804
Android (android.graphics.Color)	4290406889 (0xFFBA69E9)
YUV	143.8110, 43.9702, 36.9998
Hunter-Lab	51.4056, 48.9677, -56.3815

Details

The XYZ color **40.0093, 26.4254, 80.0827** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **44.6381, 65.9736, 23.7469**, and the grayscale version is **26.2611, 27.6287, 30.0876**.

A 20% lighter version of the original color is **68.1043, 51.4288, 100.9450**, and **18.3697, 10.3761, 42.6296** is the 20% darker color. If you saturate the color by 10%, you get **35.9366, 21.2729, 79.3033**, and if you desaturate by 10%, it is **44.8585, 32.9441, 81.0858**.

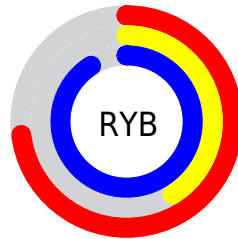
Distribution



Red (73%)

Green (41%)

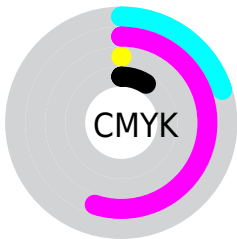
Blue (91%)



Red (73%)

Yellow (41%)

Blue (91%)

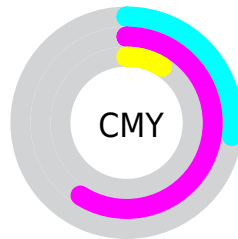


Cyan (20%)

Magenta (55%)

Yellow (0%)

Black (9%)



Cyan (27%)


Magenta (59%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0093, 26.4254, 80.0827 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 40.0093, 26.4254, 80.0827 by changing the saturation by 10% instead.


 40.0093, 26.4254,
80.0827


 40.0093, 26.4254,
80.0827

337.2965,
284.8641, 514.9256

 27.7300, 17.1422,
59.2598


 74.4619, 53.9604,
135.2944


 18.2617, 10.3359,
42.4009


 97.3660, 72.9810,
170.5204

 11.2388, 5.6222,
29.0875


 124.5424, 96.0161,
211.3845

 6.2962, 2.6168,
18.9008

 156.3564,
123.4502, 258.3052

 3.0684, 0.9351,
11.4226

193.1735,
155.6677, 311.7012

 1.1900, 0.0000,
6.2341

235.3590,

 0.0985, 0.0000,

193.0529, 371.9909

2.9169

283.2782,
235.9902, 439.5928

■ 0.0000, 0.0000,
1.0523

■ 0.0000, 0.0000,
0.0000

■ 40.0093, 26.4254,
80.0827

■ 40.0093, 26.4254,
80.0827

■ 35.9366, 21.2729,
79.3033

■ 44.8585, 32.9441,
81.0858

■ 32.5806, 17.3732,
78.7274


■ 50.5315, 40.9235,
82.3270


■ 29.8768, 14.5997,
78.3346


■ 57.0751, 50.4533,
83.8215


■ 27.7453, 12.7958,
78.0988


■ 64.5316, 61.6150,
85.5830


 26.8212, 12.1278,
78.0185

 72.9403, 74.4840,
87.6237

 82.3378, 89.1313,
89.9556

 88.4354, 96.9761,
91.1485

 91.5041, 98.5581,
91.2921

 91.7081, 98.6632,
91.3016

Harmonies

Analogous

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



30.2596, 26.4254, 109.6594



40.0093, 26.4254, 80.0827



46.3660, 26.4254, 42.8879

Triad

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



40.0093, 26.4254, 80.0827



29.6546, 26.4254, 2.3390



11.7000, 26.4254, 44.9297

Complementary

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



40.0093, 26.4254, 80.0827



44.6381, 65.9736, 23.7469

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.



11.6136, 26.4254, 18.1539



40.0093, 26.4254, 80.0827



20.5920, 26.4254, 2.4173

Square

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



40.0093, 26.4254, 80.0827



39.4746, 26.4254, 5.6222



14.4713, 26.4254, 6.0106



14.7457, 26.4254, 82.3350

Rectangle

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



40.0093, 26.4254, 80.0827



47.0263, 26.4254, 23.8882



14.4713, 26.4254, 6.0106



11.3544, 26.4254, 34.2815

Sweetspot

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



40.0103, 26.4265, 80.0833



78.0889, 73.9431, 104.7644



32.1011, 32.0206, 81.5799



16.2948, 15.1947, 22.3240



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.



40.0103, 26.4265, 80.0833



43.4784, 25.3522, 97.2096



51.3201, 32.4930, 69.9429



15.1475, 15.0213, 19.0233



15.3598, 6.9542, 44.2757



1.3113, 0.6003, 3.4816

Inverse Universe

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



44.3239, 29.6945, 33.1016



50.0086, 30.1818, 31.4131



38.3514, 62.6361, 27.8176



15.2941, 15.1455, 16.8340



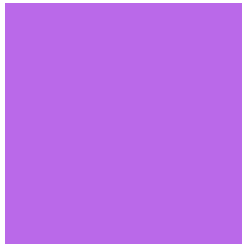
20.0653, 10.2288, 6.1452



1.6206, 0.8212, 0.7193

Previews

White Background



This preview shows how the XYZ color 40.0093, 26.4254, 80.0827 looks on a white background.

Color Contrast Check

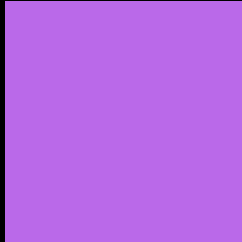
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.0093, 26.4254, 80.0827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

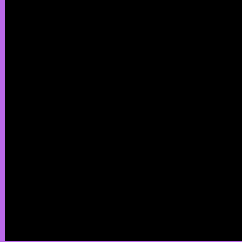
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.0093, 26.4254, 80.0827

Background



This preview shows how black text looks on a background with the XYZ color 40.0093, 26.4254, 80.0827.



This preview shows how white text looks on a background with the XYZ color 40.0093, 26.4254,

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

40.0093, 26.4254, 80.0827

Protanopia

30.4753, 26.9052, 98.1947

Deuteranopia

27.5667, 26.7649, 75.6647



Tritanopia

29.3050, 26.2225, 27.9430

Trichromacy



Original Color

40.0093, 26.4254, 80.0827



Protanomaly

31.8678, 25.3757, 91.2141



Deuteranomaly

30.4662, 25.5311, 77.4510



Tritanomaly

32.1638, 25.6802, 42.7967

Monochromacy



Original Color

40.0093, 26.4254, 80.0827



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

30.1172, 26.4708, 44.5963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0093, 26.4254, 80.0827 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(186, 105, 233)` looks like.

```
.text, #text, p{  
    color:rgb(186, 105, 233)  
}
```

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(186, 105, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 105, 233) }
```

Border

The CSS property to change the border of an element to XYZ 40.0093, 26.4254, 80.0827 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(186, 105, 233) }
```


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

```
.border{ border-color:rgb(186, 105, 233) }
```

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

Here you see how a box with a 4 pixel rgb(186, 105, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 105, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 105, 233);  
box-shadow:4px 4px 4px 4px rgb(186, 105,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0093, 26.4254, 80.0827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 105, 233) }
```

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

```
.background{ background-color: rgb(186,  
105, 233) }
```

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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