

Converting Colors

XYZ(41.0253, 35.9642, 66.1819)

Have a look what the booklet for
XYZ(41.0253, 35.9642, 66.1819)
contains.

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Color

**XYZ(41.0243, 35.9808,
66.4108)**

Conversions

Conversions Part 1

Format	Color
Hex	B296D3
RGB	178, 150, 211
RGB Percent	70%, 59%, 83%
CMY	0.3020, 0.4118, 0.1725
CMYK	0.16, 0.29, 0.00, 0.17
HSL	268°, 41%, 71%
HSV	268°, 29%, 83%
XYZ	41.0243, 35.9808, 66.4108
YIQ	165.3260, -2.8930, 24.9070

Conversions

Conversions Part 2

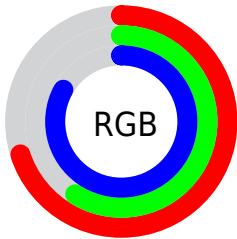
Format	Color
RYB	178, 150, 211
Decimal	11704019
CIELab	66.51, 22.24, -27.36
CIELCh	67, 35.260, 309.105
Yxy	35.9808, 0.2861, 0.2509
Android (android.graphics.Color)	4289894099 (0xFFB296D3)
YUV	165.3260, 22.5173, 11.1151
Hunter-Lab	59.9840, 17.1079, -23.6536

Details

The XYZ color **41.0243, 35.9808, 66.4108** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.3289, 58.8587, 37.6694**, and the grayscale version is **35.8179, 37.6832, 41.0370**.

A 20% lighter version of the original color is **73.5746, 67.8982, 103.8356**, and **18.9200, 15.6840, 33.4826** is the 20% darker color. If you saturate the color by 10%, you get **35.4448, 28.5489, 65.2710**, and if you desaturate by 10%, it is **47.4304, 44.7405, 67.7645**.

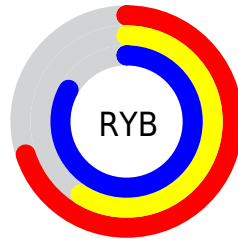
Distribution



Red (70%)

Green (59%)

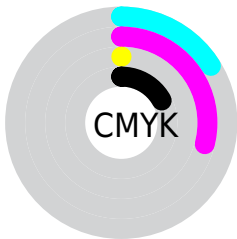
Blue (83%)



Red (70%)

Yellow (59%)

Blue (83%)

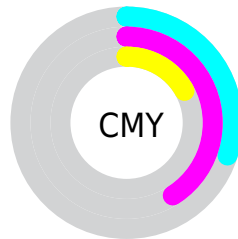


Cyan (16%)

Magenta (29%)

Yellow (0%)

Black (17%)



Cyan (30%)

Magenta (41%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0243, 35.9808, 66.4108 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 41.0243, 35.9808, 66.4108 by changing the saturation by 10% instead.

41.0243, 35.9808,
66.4108

41.0243, 35.9808,
66.4108

341.4830,
328.8766, 466.2889

28.5258, 24.4194,
48.1474

75.9953, 69.0024,
115.7084

18.8649, 15.6450,
33.5828

99.1984, 91.2314,
147.5796

11.6761, 9.2733,
22.2985

126.7006,
117.7850, 184.8238

6.5942, 4.9199,
13.8760

158.8670,
149.0477, 227.8595

3.2537, 2.2003,
7.8967

196.0632,
185.4038, 277.1054

1.2893, 0.7202,
3.9421

238.6543,

0.1752, 0.0000,

227.2377, 332.9799

1.5936

287.0058,
274.9339, 395.9015

■ 0.0000, 0.0000,
0.2863

■ 0.0000, 0.0000,
0.0000

■ 41.0243, 35.9808,
66.4108

■ 41.0243, 35.9808,
66.4108

■ 35.4448, 28.5489,
65.2710

■ 47.4304, 44.7405,
67.7645

■ 30.6505, 22.3725,
64.3315

■ 54.6946, 54.8863,
69.3400

■ 26.6014, 17.3791,
63.5811

■ 62.8514, 66.4785,
71.1476

■ 23.2524, 13.4866,
63.0062

■ 71.9317, 79.5725,
73.1964

■ 20.5525, 10.6020,
62.5918

■ 81.8043, 93.8984,
75.4413

■ 18.4423, 8.6159,
62.3196

■ 85.6967, 95.9051,
75.6234

■ 16.8305, 7.3553,
62.1612

■ 88.7580, 97.4832,
75.7667

■ 16.6719, 7.2364,
62.1467

Harmonies

Analogous

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



35.8337, 35.9808, 75.5571



41.0243, 35.9808, 66.4108



44.6094, 35.9808, 50.5131

Triad

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



41.0243, 35.9808, 66.4108



37.9565, 35.9808, 17.7764



25.1058, 35.9808, 43.9700

Complementary

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



41.0243, 35.9808, 66.4108



48.3289, 58.8587, 37.6694

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.



25.5485, 35.9808, 29.6780



41.0243, 35.9808, 66.4108



32.6142, 35.9808, 16.8774

Square

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



41.0243, 35.9808, 66.4108



42.7152, 35.9808, 23.5250



28.1755, 35.9808, 20.6398



26.8968, 35.9808, 60.5745

Rectangle

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



41.0243, 35.9808, 66.4108



45.4113, 35.9808, 39.6340



28.1755, 35.9808, 20.6398



25.0027, 35.9808, 38.7235

Sweetspot

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



41.0255, 35.9823, 66.4116



83.7395, 83.9422, 106.3967



41.3839, 45.2828, 68.1879



17.5553, 17.4487, 22.6926



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.



41.0255, 35.9823, 66.4116



57.2938, 47.6262, 100.7808



48.6636, 39.9199, 66.7691



11.6719, 11.6797, 14.8829



10.1768, 4.4266, 37.5105



0.6600, 0.2944, 2.1016

Inverse Universe

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



46.3187, 39.0819, 49.9035



66.9727, 53.2984, 70.3985



41.9468, 55.5686, 37.3707



12.0723, 11.9137, 13.6568



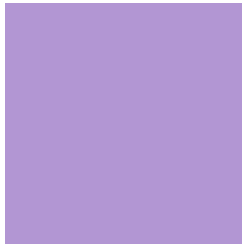
18.1028, 9.1140, 10.7136



1.0520, 0.5255, 0.8087

Previews

White Background



This preview shows how the XYZ color 41.0243, 35.9808, 66.4108 looks on a white background.

Color Contrast Check

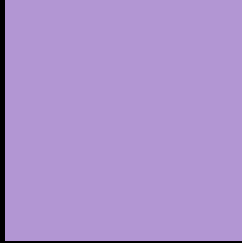
Large Text (above 18pt) WCAG AA × Fail

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 41.0243, 35.9808, 66.4108 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 41.0243, 35.9808, 66.4108

Background



This preview shows how black text looks on a background with the XYZ color 41.0243, 35.9808, 66.4108.



This preview shows how white text looks on a background with the XYZ color 41.0243, 35.9808,

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

41.0243, 35.9808, 66.4108

Protanopia

36.9027, 36.2233, 71.3765

Deuteranopia

36.8557, 36.0751, 65.3423



Tritanopia

36.2771, 36.0139, 43.0696

Trichromacy



Original Color

41.0243, 35.9808, 66.4108

Protanomaly

38.0588, 35.8513, 69.2041

Deuteranomaly

38.2193, 36.0071, 65.9085

Tritanomaly

37.9339, 35.9441, 50.8375

Monochromacy



Original Color

41.0243, 35.9808, 66.4108

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.5919, 37.0651, 49.4289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0243, 35.9808, 66.4108 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, 150, 211)` looks like.

```
.text, #text, p{  
    color:rgb(178, 150, 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(178, 150, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 150, 211) }
```

Border

The CSS property to change the border of an element to XYZ 41.0243, 35.9808, 66.4108 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, 150, 211) }
```


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

```
.border{ border-color:rgb(178, 150, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 150, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 150, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 150, 211);  
box-shadow:4px 4px 4px 4px rgb(178, 150,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0243, 35.9808, 66.4108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 150, 211) }
```

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

```
.background{ background-color: rgb(178,  
150, 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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