

Converting Colors

XYZ(46.2981, 34.0609, 41.1670)

Have a look what the booklet for
XYZ(46.2981, 34.0609, 41.1670)
contains.

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Color

**XYZ(46.2073, 34.0798,
41.1884)**

Conversions

Conversions Part 1

Format	Color
Hex	E37EA8
RGB	227, 126, 168
RGB Percent	89%, 49%, 66%
CMY	0.1098, 0.5059, 0.3412
CMYK	0.00, 0.44, 0.26, 0.11
HSL	335°, 64%, 69%
HSV	335°, 44%, 89%
XYZ	46.2073, 34.0798, 41.1884
YIQ	160.9870, 46.7140, 34.4740

Conversions

Conversions Part 2

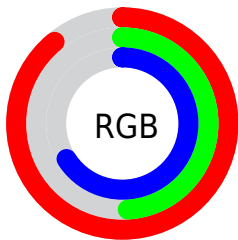
Format	Color
R_{YB}	227, 126, 168
Decimal	14909096
CIE _{Lab}	65.03, 43.90, -4.94
CIE _{LCh}	65, 44.180, 353.574
Yxy	34.0798, 0.3804, 0.2805
Android (android.graphics.Color)	4293099176 (0xFFE37EA8)
YUV	160.9870, 3.4574, 57.8934
Hunter-Lab	58.3779, 39.1250, -0.9674

Details

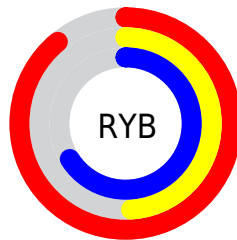
The XYZ color **46.2073, 34.0798, 41.1884** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **44.8319, 62.8775, 55.6759**, and the grayscale version is **33.8405, 35.6028, 38.7715**.

A 20% lighter version of the original color is **71.0832, 59.6355, 77.5763**, and **21.9634, 14.5935, 18.1822** is the 20% darker color. If you saturate the color by 10%, you get **42.4540, 28.4503, 34.1497**, and if you desaturate by 10%, it is **50.7471, 41.0800, 49.1116**.

Distribution



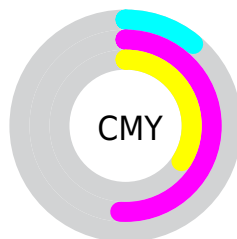
- Red (89%)
- Green (49%)
- Blue (66%)



- Red (89%)
- Yellow (49%)
- Blue (66%)



- Cyan (0%)
- Magenta (44%)
- Yellow (26%)
- Black (11%)





- Cyan (11%)
- Magenta (51%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2073, 34.0798, 41.1884 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 46.2073, 34.0798, 41.1884 by changing the saturation by 10% instead.


 46.2073, 34.0798,
41.1884


 46.2073, 34.0798,
41.1884

362.3434,
320.4877, 366.8073


 32.6148, 22.9549,
28.1455


 83.7551, 66.0577,
78.2266

 21.9893, 14.5602,
18.1954


 108.4411, 87.6796,
103.0590

 13.9656, 8.5113,
10.9195


 137.5556,
113.5692, 132.6583

 8.1783, 4.4238,
5.8992

171.4640,
144.1110, 167.4430

 4.2620, 1.9134,
2.7161

210.5316,
179.6893, 207.8318

 1.8514, 0.5564,
0.9515

255.1238,

 0.5483, 0.0000,

220.6887, 254.2430

0.0000

305.6060,
267.4933, 307.0954

■ 0.0000, 0.0000,
0.0000

■ 46.2073, 34.0798,
41.1884

■ 46.2073, 34.0798,
41.1884

■ 42.4540, 28.4503,
34.1497

■ 50.7471, 41.0800,
49.1116

■ 39.4353, 24.0948,
27.9587

■ 56.1149, 49.5291,
57.9499

■ 37.0976, 20.9119,
22.5783

■ 62.3528, 59.5054,
67.7347

■ 35.3778, 18.7820,
17.9671

■ 69.4988, 71.0798,
78.4950

■ 34.1995, 17.5596,
14.0781

■ 77.5890, 84.3191,
90.2587

■ 33.7165, 17.1461,
12.2139

■ 84.3149, 94.6014,
102.2715

■ 85.4887, 95.0709,
108.4525

Harmonies

Analogous

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



43.3238, 34.0798, 62.1829



46.2073, 34.0798, 41.1884



45.0155, 34.0798, 24.7329

Triad

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



46.2073, 34.0798, 41.1884



27.7201, 34.0798, 13.2889



25.6271, 34.0798, 73.2542

Complementary

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



46.2073, 34.0798, 41.1884



44.8319, 62.8775, 55.6759

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.



22.3808, 34.0798, 53.0429



46.2073, 34.0798, 41.1884



23.4734, 34.0798, 19.8824

Square

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



46.2073, 34.0798, 41.1884



33.7872, 34.0798, 11.9653



21.6475, 34.0798, 33.3047



31.0354, 34.0798, 84.2377

Rectangle

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



46.2073, 34.0798, 41.1884



42.1389, 34.0798, 17.7457



21.6475, 34.0798, 33.3047



24.2772, 34.0798, 67.0484

Sweetspot

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



46.2083, 34.0815, 41.1891



82.4087, 79.4578, 90.0719



41.3150, 30.7737, 76.4357



17.2233, 16.3380, 18.6417



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.



46.2083, 34.0815, 41.1891



55.7795, 37.7933, 45.4535



44.0286, 35.0047, 24.1768



14.6243, 14.4669, 16.2219



19.7186, 10.0216, 7.4130



1.5025, 0.7587, 0.7868

Inverse Universe

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



46.2083, 34.0815, 41.1891



55.7795, 37.7933, 45.4535



47.6935, 60.4285, 81.8234



14.6243, 14.4669, 16.2219



19.7186, 10.0216, 7.4130



1.5025, 0.7587, 0.7868

Previews

White Background



This preview shows how the XYZ color 46.2073, 34.0798, 41.1884 looks on a white background.

Color Contrast Check

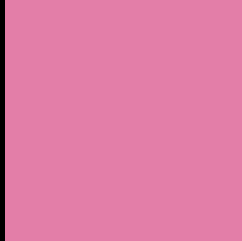
Large Text (above 18pt) WCAG AA × Fail

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 46.2073, 34.0798, 41.1884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

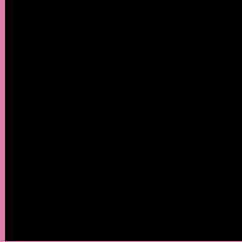
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.2073, 34.0798, 41.1884

Background



This preview shows how black text looks on a background with the XYZ color 46.2073, 34.0798, 41.1884.



This preview shows how white text looks on a background with the XYZ color 46.2073, 34.0798,

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

46.2073, 34.0798, 41.1884

Protanopia

34.0830, 34.4202, 52.4243

Deuteranopia

34.7967, 34.0847, 39.3954



Tritanopia

43.6645, 34.0030, 29.4612

Trichromacy



Original Color

46.2073, 34.0798, 41.1884

Protanomaly

37.2098, 33.4777, 48.2167

Deuteranomaly

38.0998, 33.4379, 40.0434

Tritanomaly

44.4875, 33.9424, 33.4850

Monochromacy



Original Color

46.2073, 34.0798, 41.1884

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

37.2983, 34.1744, 39.7524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2073, 34.0798, 41.1884 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(227, 126, 168)` looks like.

```
.text, #text, p{  
    color:rgb(227, 126, 168)  
}
```

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(227, 126, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 126, 168) }
```

Border

The CSS property to change the border of an element to XYZ 46.2073, 34.0798, 41.1884 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(227, 126, 168) }
```


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

```
.border{ border-color:rgb(227, 126, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 126, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 126, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 126, 168);  
box-shadow:4px 4px 4px 4px rgb(227, 126,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2073, 34.0798, 41.1884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 126, 168) }
```

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

```
.background{ background-color: rgb(227,  
126, 168) }
```

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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