

Converting Colors

XYZ(46.3744, 34.0905, 36.0342)

Have a look what the booklet for
XYZ(46.3744, 34.0905, 36.0342)
contains.

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Color

**XYZ(46.3744, 34.0905,
36.0342)**

Conversions

Conversions Part 1

Format	Color
Hex	E77D9D
RGB	231, 125, 157
RGB Percent	91%, 49%, 62%
CMY	0.0941, 0.5098, 0.3843
CMYK	0.00, 0.46, 0.32, 0.09
HSL	342°, 69%, 70%
HSV	342°, 46%, 91%
XYZ	46.3744, 34.0905, 36.0342
YIQ	160.3420, 52.9040, 32.4240

Conversions

Conversions Part 2

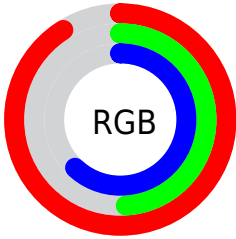
Format	Color
RYB	231, 125, 157
Decimal	15170973
CIELab	65.03, 44.34, 1.37
CIELCh	65, 44.361, 1.775
Yxy	34.0905, 0.3981, 0.2926
Android (android.graphics.Color)	4293361053 (0xFFE77D9D)
YUV	160.3420, -1.6476, 61.9671
Hunter-Lab	58.3871, 39.5977, 4.2795

Details

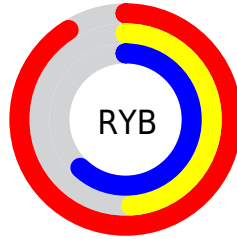
The XYZ color **46.3744, 34.0905, 36.0342** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **47.3438, 65.6361, 64.2102**, and the grayscale version is **33.5627, 35.3105, 38.4532**.

A 20% lighter version of the original color is **69.3191, 58.6057, 69.2865**, and **22.1525, 14.5596, 15.2784** is the 20% darker color. If you saturate the color by 10%, you get **42.4955, 28.3927, 28.3906**, and if you desaturate by 10%, it is **51.1169, 41.2243, 44.8631**.

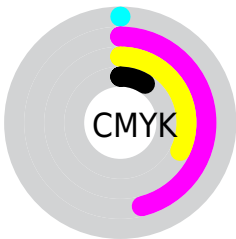
Distribution



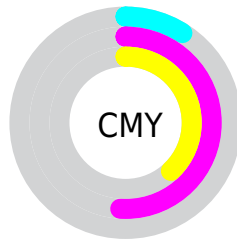
- Red (91%)
- Green (49%)
- Blue (62%)



- Red (91%)
- Yellow (49%)
- Blue (62%)



- Cyan (0%)
- Magenta (46%)
- Yellow (32%)
- Black (9%)





- Cyan (9%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.3744, 34.0905, 36.0342 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 46.3744, 34.0905, 36.0342 by changing the saturation by 10% instead.


 46.3744, 34.0905,
36.0342


 46.3744, 34.0905,
36.0342


363.0026,
320.5354, 344.1519


 32.7472, 22.9631,
24.1707


 84.0035, 66.0744,
70.2545

 22.0912, 14.5663,
15.2469


 108.7361, 87.6997,
93.4484

 14.0409, 8.5156,
8.8443


 137.9013,
113.5931, 121.2561

 8.2310, 4.4266,
4.5444

171.8643,
144.1390, 154.0963

 4.2962, 1.9149,
1.9285

210.9906,
179.7218, 192.3874

 1.8710, 0.5573,
0.5108

255.6455,

 0.5599, 0.0000,

220.7258, 236.5480

0.0000

306.1944,
267.5356, 286.9967

■ 0.0000, 0.0000,
0.0000

■ 46.3744, 34.0905,
36.0342

■ 46.3744, 34.0905,
36.0342

■ 42.4955, 28.3927,
28.3906

■ 51.1169, 41.2243,
44.8631

■ 39.4225, 24.0272,
21.8771

■ 56.7700, 49.8781,
54.9249

■ 37.0949, 20.8849,
16.4368


■ 63.3808, 60.1354,
66.2668


■ 35.4414, 18.8363,
12.0061


■ 70.9920, 72.0722,
78.9329

■ 34.3754, 17.7222,
8.5130

■ 79.6438, 85.7596,
92.9652

 34.0519, 17.4277,
7.3185

 86.5667, 95.6496,
107.4679

 86.7650, 95.7289,
108.5123

Harmonies

Analogous

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



44.5424, 34.0905, 56.4767



46.3744, 34.0905, 36.0342



44.0712, 34.0905, 21.4397

Triad

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



46.3744, 34.0905, 36.0342



26.3260, 34.0905, 14.4444



26.9070, 34.0905, 77.7997

Complementary

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



46.3744, 34.0905, 36.0342



47.3438, 65.6361, 64.2102

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.



22.9991, 34.0905, 59.0237



46.3744, 34.0905, 36.0342



22.6961, 34.0905, 22.7826

Square

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



46.3744, 34.0905, 36.0342



32.0211, 34.0905, 11.8078



21.5625, 34.0905, 38.2249



32.7860, 34.0905, 84.8605

Rectangle

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



46.3744, 34.0905, 36.0342



40.6568, 34.0905, 15.6950



21.5625, 34.0905, 38.2249



25.3477, 34.0905, 72.3991

Sweetspot

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



46.3753, 34.0922, 36.0349



80.9435, 77.7972, 85.6691



44.8984, 32.3676, 79.4825



16.9082, 16.0006, 17.6340



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.



46.3753, 34.0922, 36.0349



53.4353, 35.9017, 36.0495



46.6970, 38.5495, 24.3839



14.5552, 14.4393, 15.8579



19.1381, 9.7895, 4.3562



1.4543, 0.7394, 0.5329

Inverse Universe

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



46.3753, 34.0922, 36.0349



53.4353, 35.9017, 36.0495



46.3178, 57.0012, 84.1625



14.5552, 14.4393, 15.8579



19.1381, 9.7895, 4.3562



1.4543, 0.7394, 0.5329

Previews

White Background



This preview shows how the XYZ color 46.3744, 34.0905, 36.0342 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 46.3744, 34.0905, 36.0342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

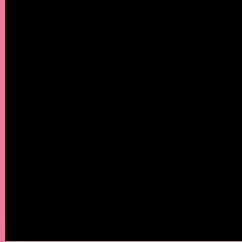
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3744, 34.0905, 36.0342

Background



This preview shows how black text looks on a background with the XYZ color 46.3744, 34.0905, 36.0342.



This preview shows how white text looks on a background with the XYZ color 46.3744, 34.0905,

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

46.3744, 34.0905, 36.0342

Protanopia

33.6037, 34.3165, 45.9269

Deuteranopia

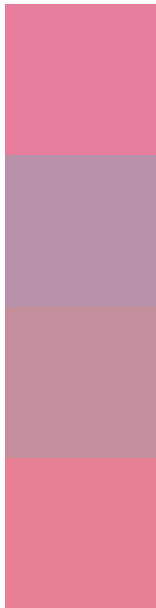
34.9632, 34.2796, 34.4796



Tritanopia

44.6197, 33.9313, 28.2424

Trichromacy



Original Color

46.3744, 34.0905, 36.0342

Protanomaly

36.8153, 33.1827, 42.0006

Deuteranomaly

38.4201, 33.7138, 35.0543

Tritanomaly

45.3333, 34.0461, 30.9703

Monochromacy



Original Color

46.3744, 34.0905, 36.0342

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

36.9414, 33.8097, 37.3798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3744, 34.0905, 36.0342 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(231, 125, 157)` looks like.

```
.text, #text, p{  
    color:rgb(231, 125, 157)  
}
```

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(231, 125, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 125, 157) }
```

Border

The CSS property to change the border of an element to XYZ 46.3744, 34.0905, 36.0342 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(231, 125, 157) }
```


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

```
.border{ border-color:rgb(231, 125, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 125, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 125, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 125, 157);  
box-shadow:4px 4px 4px 4px rgb(231, 125,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3744, 34.0905, 36.0342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 125, 157) }
```

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

```
.background{ background-color: rgb(231,  
125, 157) }
```

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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