

Converting Colors

XYZ(48.3462, 36.5936, 54.2042)

Have a look what the booklet for
XYZ(48.3462, 36.5936, 54.2042)
contains.

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Color

**XYZ(48.3026, 36.6633,
54.4001)**

Conversions

Conversions Part 1

Format	Color
Hex	DE87C0
RGB	222, 135, 192
RGB Percent	87%, 53%, 75%
CMY	0.1294, 0.4706, 0.2471
CMYK	0.00, 0.39, 0.14, 0.13
HSL	321°, 57%, 70%
HSV	321°, 39%, 87%
XYZ	48.3026, 36.6633, 54.4001
YIQ	167.5110, 33.5550, 36.1710

Conversions

Conversions Part 2

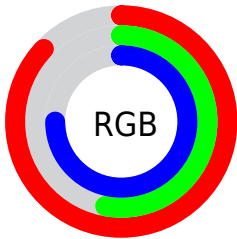
Format	Color
RYB	222, 135, 192
Decimal	14583744
CIELab	67.02, 41.15, -15.56
CIElCh	67, 43.989, 339.291
Yxy	36.6633, 0.3466, 0.2631
Android (android.graphics.Color)	4292773824 (0xFFDE87C0)
YUV	167.5110, 12.0731, 47.7869
Hunter-Lab	60.5502, 36.4315, -10.8827

Details

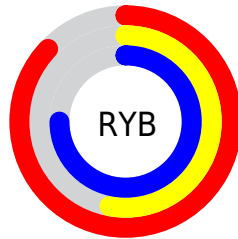
The XYZ color **48.3026, 36.6633, 54.4001** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **42.9061, 60.1111, 44.9411**, and the grayscale version is **36.9123, 38.8346, 42.2909**.

A 20% lighter version of the original color is **76.5967, 64.8642, 97.2899**, and **23.1978, 16.0208, 25.9144** is the 20% darker color. If you saturate the color by 10%, you get **44.6959, 30.7718, 49.1212**, and if you desaturate by 10%, it is **52.6014, 43.8674, 60.1282**.

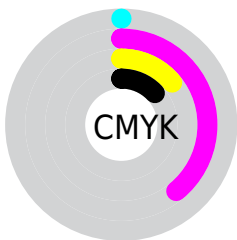
Distribution



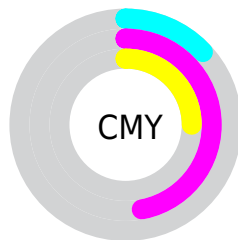
- Red (87%)
- Green (53%)
- Blue (75%)



- Red (87%)
- Yellow (53%)
- Blue (75%)



- Cyan (0%)
- Magenta (39%)
- Yellow (14%)
- Black (13%)





- Cyan (13%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3026, 36.6633, 54.4001 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 48.3026, 36.6633, 54.4001 by changing the saturation by 10% instead.


 48.3026, 36.6633,
54.4001


 48.3026, 36.6633,
54.4001


370.5530,
331.8505, 420.8516


 34.2788, 24.9469,
38.5263


 86.8617, 70.0546,
98.1238

 23.2718, 16.0375,
26.0864


 112.1278, 92.4984,
126.8107

 14.9161, 9.5507,
16.6619


 141.8721,
119.2867, 160.6057

 8.8465, 5.1021,
9.8344

176.4598,
150.8039, 199.9274

 4.6975, 2.3073,
5.1851

216.2564,
187.4345, 245.1943

 2.1038, 0.7776,
2.2956

261.6272,

 0.6913, 0.0000,

229.5629, 296.8249

0.7288

312.9376,
277.5734, 355.2378

■ 0.0000, 0.0000,
0.0000

■ 48.3026, 36.6633,
54.4001

■ 48.3026, 36.6633,
54.4001

■ 44.6959, 30.7718,
49.1212

■ 52.6014, 43.8674,
60.1282

■ 41.7368, 26.1065,
44.2723

■ 57.6267, 52.4530,
66.3189

■ 39.3808, 22.5790,
39.8355


■ 63.4142, 62.4906,
72.9878


■ 37.5759, 20.0864,
35.7901


■ 69.9965, 74.0441,
80.1488


■ 36.2609, 18.5071,
32.1120


■ 77.4041, 87.1737,
87.8150

 35.3376, 17.6463,
28.7652

 81.3074, 93.2189,
94.5461

 35.2697, 17.5878,
28.5041

 82.4561, 93.6784,
100.5951

 83.6532, 94.1572,
106.8990

 83.9345, 94.2697,
108.3798

Harmonies

Analogous

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



43.6349, 36.6633, 75.7149



48.3026, 36.6633, 54.4001



49.1299, 36.6633, 34.2684

Triad

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



48.3026, 36.6633, 54.4001



32.8136, 36.6633, 13.5014



25.8180, 36.6633, 68.0552

Complementary

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



48.3026, 36.6633, 54.4001



42.9061, 60.1111, 44.9411

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.



23.6417, 36.6633, 46.1614



48.3026, 36.6633, 54.4001



27.3267, 36.6633, 17.6741

Square

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



48.3026, 36.6633, 54.4001



39.5920, 36.6633, 14.4424



24.1563, 36.6633, 28.2687



30.4978, 36.6633, 85.1886

Rectangle

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



48.3026, 36.6633, 54.4001



47.2994, 36.6633, 24.4860



24.1563, 36.6633, 28.2687



24.7984, 36.6633, 60.7683

Sweetspot

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



48.3037, 36.6650, 54.4008



84.4005, 81.3455, 97.1977



37.1603, 30.4964, 73.0356



17.8377, 17.0159, 20.5444



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.



48.3037, 36.6650, 54.4008



62.0204, 43.4680, 68.5191



44.2544, 35.0453, 33.0774



14.0837, 13.8511, 16.2111



21.0035, 10.4684, 17.2162



1.4975, 0.7423, 1.4125

Inverse Universe

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



48.3037, 36.6650, 54.4008



62.0204, 43.4680, 68.5191



47.4380, 61.9239, 68.8058



14.0837, 13.8511, 16.2111



21.0035, 10.4684, 17.2162



1.4975, 0.7423, 1.4125

Previews

White Background



This preview shows how the XYZ color 48.3026, 36.6633, 54.4001 looks on a white background.

Color Contrast Check

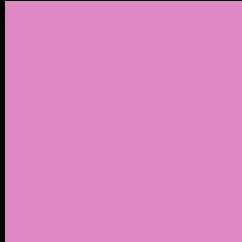
Large Text (above 18pt) WCAG AA × Fail

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 48.3026, 36.6633, 54.4001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

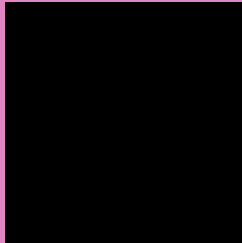
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3026, 36.6633, 54.4001

Background



This preview shows how black text looks on a background with the XYZ color 48.3026, 36.6633, 54.4001.



This preview shows how white text looks on a background with the XYZ color 48.3026, 36.6633,

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

48.3026, 36.6633, 54.4001

Protanopia

37.3157, 37.0731, 66.1618

Deuteranopia

37.6237, 36.7519, 52.6878



Tritanopia

44.4857, 36.8503, 34.9052

Trichromacy



Original Color

48.3026, 36.6633, 54.4001



Protanomaly

40.1392, 36.1154, 61.3553



Deuteranomaly

40.8307, 36.1782, 52.9752



Tritanomaly

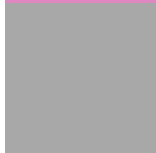
45.5666, 36.6063, 41.2233

Monochromacy



Original Color

48.3026, 36.6633, 54.4001



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

40.5633, 37.6426, 46.7228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3026, 36.6633, 54.4001 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(222, 135, 192)` looks like.

```
.text, #text, p{  
    color:rgb(222, 135, 192)  
}
```

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(222, 135, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 135, 192) }
```

Border

The CSS property to change the border of an element to XYZ 48.3026, 36.6633, 54.4001 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(222, 135, 192) }
```


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

```
.border{ border-color:rgb(222, 135, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 135, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 135, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 135, 192);  
box-shadow:4px 4px 4px 4px rgb(222, 135,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3026, 36.6633, 54.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 135, 192) }
```

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

```
.background{ background-color: rgb(222,  
135, 192) }
```

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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