

Converting Colors

XYZ(49.0497, 36.4155, 55.4920)

Have a look what the booklet for
XYZ(49.0497, 36.4155, 55.4920)
contains.

XYZ(49.0402, 36.4051, 55.4811)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(49.0402, 36.4051,
55.4811)**

Conversions

Conversions Part 1

Format	Color
Hex	E184C2
RGB	225, 132, 194
RGB Percent	88%, 52%, 76%
CMY	0.1176, 0.4823, 0.2392
CMYK	0.00, 0.41, 0.14, 0.12
HSL	320°, 61%, 70%
HSV	320°, 41%, 88%
XYZ	49.0402, 36.4051, 55.4811
YIQ	166.8750, 35.5260, 38.9980

Conversions

Conversions Part 2

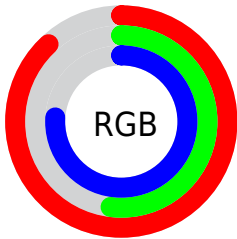
Format	Color
RYB	225, 132, 194
Decimal	14779586
CIELab	66.83, 44.01, -16.94
CIELCh	67, 47.156, 338.951
Yxy	36.4051, 0.3480, 0.2583
Android (android.graphics.Color)	4292969666 (0xFFE184C2)
YUV	166.8750, 13.3726, 50.9756
Hunter-Lab	60.3366, 39.4915, -12.2830

Details

The XYZ color **49.0402, 36.4051, 55.4811** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **43.0534, 61.4014, 44.2355**, and the grayscale version is **36.5957, 38.5015, 41.9281**.

A 20% lighter version of the original color is **76.4229, 63.7657, 99.5469**, and **23.7507, 15.9556, 26.6389** is the 20% darker color. If you saturate the color by 10%, you get **45.4905, 30.6196, 50.2463**, and if you desaturate by 10%, it is **53.2925, 43.5268, 61.1607**.

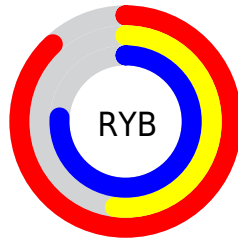
Distribution



Red (88%)

Green (52%)

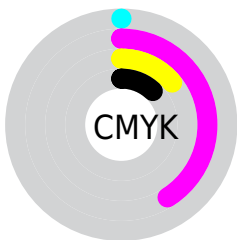
Blue (76%)



Red (88%)

Yellow (52%)

Blue (76%)

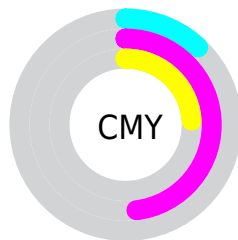


Cyan (0%)

Magenta (41%)

Yellow (14%)

Black (12%)



Cyan (12%)


Magenta (48%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0402, 36.4051, 55.4811 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 49.0402, 36.4051, 55.4811 by changing the saturation by 10% instead.

 49.0402, 36.4051,
55.4811


 49.0402, 36.4051,
55.4811

373.4149,
330.7277, 425.0663


 34.8660, 24.7472,
39.3858


 87.9515, 69.6569,
99.7237

 23.7257, 15.8888,
26.7499


 113.4194, 92.0196,
128.7081

 15.2539, 9.4455,
17.1547


 143.3825,
118.7193, 162.8260

 9.0853, 5.0329,
10.1817

178.2063,
150.1405, 202.4959

 4.8544, 2.2666,
5.4124

218.2561,
186.6675, 248.1363

 2.1960, 0.7559,
2.4283

263.8972,

 0.7406, 0.0000,

228.6848, 300.1658

0.8018

315.4950,
276.5768, 359.0030

■ 0.0000, 0.0000,
0.0000

■ 49.0402, 36.4051,
55.4811

■ 49.0402, 36.4051,
55.4811

■ 45.4905, 30.6196,
50.2463

■ 53.2925, 43.5268,
61.1607

■ 42.5969, 26.0796,
45.4365

■ 58.2837, 52.0578,
67.2989

■ 40.3120, 22.6911,
41.0333


■ 64.0513, 62.0716,
73.9117


■ 38.5805, 20.3443,
37.0149


■ 70.6293, 73.6353,
81.0132


■ 37.3362, 18.9079,
33.3561


■ 78.0497, 86.8120,
88.6170

 36.5564, 18.2096,
30.4408

 82.3921, 93.7599,
95.4189

 83.5236, 94.2125,
101.3774

 84.7017, 94.6837,
107.5810

 84.8616, 94.7477,
108.4232

Harmonies

Analogous

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



43.9570, 36.4051, 78.6895



49.0402, 36.4051, 55.4811



49.9899, 36.4051, 33.8379

Triad

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



49.0402, 36.4051, 55.4811



32.5122, 36.4051, 12.1267



24.9969, 36.4051, 69.8035

Complementary

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



49.0402, 36.4051, 55.4811



43.0534, 61.4014, 44.2355

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.



22.7483, 36.4051, 46.0679



49.0402, 36.4051, 55.4811



26.6784, 36.4051, 16.2722

Square

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



49.0402, 36.4051, 55.4811



39.7638, 36.4051, 13.1255



23.3184, 36.4051, 27.1421



29.9074, 36.4051, 88.7397

Rectangle

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



49.0402, 36.4051, 55.4811



48.0395, 36.4051, 23.5076



23.3184, 36.4051, 27.1421



23.9376, 36.4051, 61.8468

Sweetspot

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



49.0413, 36.4068, 55.4818



84.4541, 81.3669, 97.4799



36.9478, 29.7273, 75.0254



17.8503, 17.0210, 20.6110



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.



49.0413, 36.4068, 55.4818



60.8407, 41.3468, 67.3911



44.6098, 34.6342, 32.1458



14.0906, 13.8539, 16.2474



21.1216, 10.5156, 17.8378



1.5051, 0.7453, 1.4524

Inverse Universe

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



49.0413, 36.4068, 55.4818



60.8407, 41.3468, 67.3911



48.0129, 63.3852, 70.3518



14.0906, 13.8539, 16.2474



21.1216, 10.5156, 17.8378



1.5051, 0.7453, 1.4524

Previews

White Background



This preview shows how the XYZ color 49.0402, 36.4051, 55.4811 looks on a white background.

Color Contrast Check

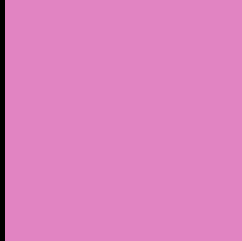
Large Text (above 18pt) WCAG AA × Fail

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 49.0402, 36.4051, 55.4811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

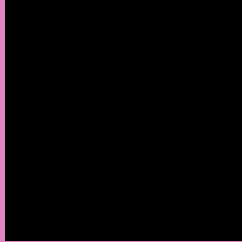
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.0402, 36.4051, 55.4811

Background



This preview shows how black text looks on a background with the XYZ color 49.0402, 36.4051, 55.4811.



This preview shows how white text looks on a background with the XYZ color 49.0402, 36.4051,

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

49.0402, 36.4051, 55.4811

Protanopia

37.2769, 36.7343, 68.7441

Deuteranopia

37.3093, 36.5774, 53.2378



Tritanopia

44.4792, 36.2062, 33.9223

Trichromacy



Original Color

49.0402, 36.4051, 55.4811



Protanomaly

40.3003, 35.6648, 63.7914



Deuteranomaly

40.6449, 35.8213, 54.0622



Tritanomaly

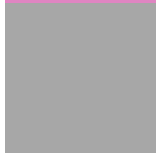
46.0449, 36.2109, 41.1218

Monochromacy



Original Color

49.0402, 36.4051, 55.4811



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

40.2305, 36.9769, 46.6119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0402, 36.4051, 55.4811 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(225, 132, 194)` looks like.

```
.text, #text, p{  
    color:rgb(225, 132, 194)  
}
```

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(225, 132, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 132, 194) }
```

Border

The CSS property to change the border of an element to XYZ 49.0402, 36.4051, 55.4811 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(225, 132, 194) }
```


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

```
.border{ border-color:rgb(225, 132, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 132, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 132, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 132, 194);  
box-shadow:4px 4px 4px 4px rgb(225, 132,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0402, 36.4051, 55.4811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 132, 194) }
```

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

```
.background{ background-color: rgb(225,  
132, 194) }
```

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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