

Converting Colors

XYZ(48.3163, 34.9927, 40.1640)

Have a look what the booklet for
XYZ(48.3163, 34.9927, 40.1640)
contains.

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Color

**XYZ(48.4775, 35.0826,
40.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	EB7DA6
RGB	235, 125, 166
RGB Percent	92%, 49%, 65%
CMY	0.0784, 0.5098, 0.3490
CMYK	0.00, 0.47, 0.29, 0.08
HSL	338°, 73%, 71%
HSV	338°, 47%, 92%
XYZ	48.4775, 35.0826, 40.2930
YIQ	162.5640, 52.3990, 36.0710

Conversions

Conversions Part 2

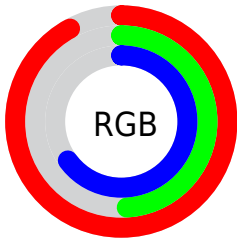
Format	Color
RYB	235, 125, 166
Decimal	15433126
CIELab	65.81, 46.85, -2.53
CIELCh	66, 46.915, 356.906
Yxy	35.0826, 0.3914, 0.2833
Android (android.graphics.Color)	4293623206 (0xFFEB7DA6)
YUV	162.5640, 1.6939, 63.5264
Hunter-Lab	59.2306, 42.4406, 1.1280

Details

The XYZ color **48.4775, 35.0826, 40.2930** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **47.9051, 67.6726, 61.5797**, and the grayscale version is **34.5834, 36.3845, 39.6227**.

A 20% lighter version of the original color is **70.6124, 59.1230, 76.0968**, and **23.2591, 15.0797, 17.6044** is the 20% darker color. If you saturate the color by 10%, you get **44.5710, 29.3111, 32.6971**, and if you desaturate by 10%, it is **53.2447, 42.3270, 48.9413**.

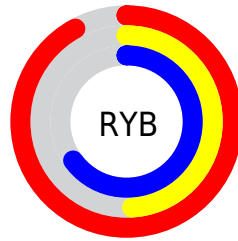
Distribution



Red (92%)

Green (49%)

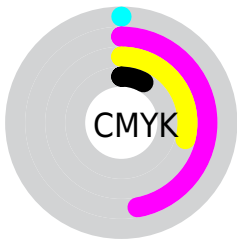
Blue (65%)



Red (92%)

Yellow (49%)

Blue (65%)

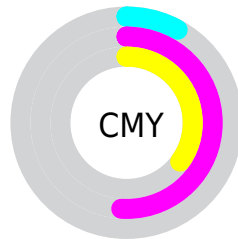


Cyan (0%)

Magenta (47%)

Yellow (29%)

Black (8%)



Cyan (8%)

Magenta (51%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4775, 35.0826, 40.2930 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 48.4775, 35.0826, 40.2930 by changing the saturation by 10% instead.


 48.4775, 35.0826,
40.2930

 48.4775, 35.0826,
40.2930


371.2329,
324.9328, 362.9457


 34.4180, 23.7265,
27.4515


 87.1203, 67.6137,
76.8514

 23.3793, 15.1309,
17.6772


 112.4344, 89.5575,
101.4055

 14.9961, 8.9113,
10.5514


 142.2306,
115.7994, 130.7008

 8.9029, 4.6834,
5.6557

176.8745,
146.7236, 165.1560

 4.7345, 2.0627,
2.5715

216.7313,
182.7147, 205.1895

 2.1255, 0.6435,
0.8777

262.1664,

 0.7030, 0.0000,

224.1570, 251.2200

0.0000

313.5451,
271.4349, 303.6659

■ 0.0000, 0.0000,
0.0000

■ 48.4775, 35.0826,
40.2930

■ 48.4775, 35.0826,
40.2930

■ 44.5710, 29.3111,
32.6971

■ 53.2447, 42.3270,
48.9413

■ 41.4667, 24.9043,
26.1073

■ 58.9200, 51.1319,
58.6813

■ 39.1029, 21.7475,
20.4764

■ 65.5509, 61.5843,
69.5524

■ 37.4068, 19.7048,
15.7512

■ 73.1805, 73.7632,
81.5916

■ 36.2871, 18.6030,
11.8706

■ 81.8492, 87.7426,
94.8338

■ 36.0053, 18.3599,
10.7885

■ 87.9827, 96.3669,
108.1083

■ 88.0710, 96.4022,
108.5734

Harmonies

Analogous

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



45.7833, 35.0826, 63.0176



48.4775, 35.0826, 40.2930



46.6763, 35.0826, 23.4167

Triad

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



48.4775, 35.0826, 40.2930



27.6777, 35.0826, 13.2947



26.5935, 35.0826, 79.8541

Complementary

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



48.4775, 35.0826, 40.2930



47.9051, 67.6726, 61.5797

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.



22.8295, 35.0826, 58.1733



48.4775, 35.0826, 40.2930



23.3920, 35.0826, 20.9387

Square

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



48.4775, 35.0826, 40.2930



34.0683, 35.0826, 11.3807



21.7431, 35.0826, 36.1788



32.6319, 35.0826, 90.2966

Rectangle

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



48.4775, 35.0826, 40.2930



43.2886, 35.0826, 16.5790



21.7431, 35.0826, 36.1788



25.0541, 35.0826, 73.3386

Sweetspot

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



48.4785, 35.0843, 40.2937



81.3015, 77.9404, 87.5544



44.2804, 31.9830, 82.4369



16.9948, 16.0353, 18.0901



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.



48.4785, 35.0843, 40.2937



53.8862, 35.6245, 39.8347



47.0285, 37.2739, 24.1202



15.2976, 15.1469, 16.8526



20.0953, 10.2408, 6.3030



1.6232, 0.8222, 0.7330

Inverse Universe

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



48.4785, 35.0843, 40.2937



53.8862, 35.6245, 39.8347



49.6197, 62.6903, 88.0826



15.2976, 15.1469, 16.8526



20.0953, 10.2408, 6.3030



1.6232, 0.8222, 0.7330

Previews

White Background



This preview shows how the XYZ color 48.4775, 35.0826, 40.2930 looks on a white background.

Color Contrast Check

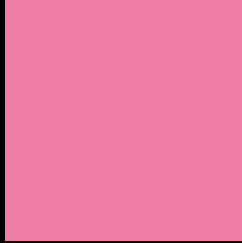
Large Text (above 18pt) WCAG AA × Fail

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 48.4775, 35.0826, 40.2930 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 48.4775, 35.0826, 40.2930

Background



This preview shows how black text looks on a background with the XYZ color 48.4775, 35.0826, 40.2930.



This preview shows how white text looks on a background with the XYZ color 48.4775, 35.0826,

40.2930.

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

48.4775, 35.0826, 40.2930

Protanopia

34.8853, 35.3527, 51.9988

Deuteranopia

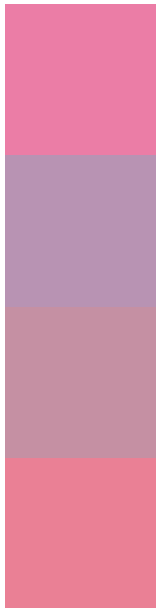
35.8336, 35.1299, 38.6103



Tritanopia

46.2471, 35.1530, 28.7738

Trichromacy



Original Color

48.4775, 35.0826, 40.2930

Protanomaly

38.3376, 34.3125, 47.2502

Deuteranomaly

39.6101, 34.4612, 39.2143

Tritanomaly

47.0757, 35.1007, 32.7277

Monochromacy



Original Color

48.4775, 35.0826, 40.2930

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

38.4346, 34.9940, 39.8508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4775, 35.0826, 40.2930 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(235, 125, 166)` looks like.

```
.text, #text, p{  
    color:rgb(235, 125, 166)  
}
```

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(235, 125, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 125, 166) }
```

Border

The CSS property to change the border of an element to XYZ 48.4775, 35.0826, 40.2930 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(235, 125, 166) }
```


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

```
.border{ border-color:rgb(235, 125, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 125, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 125, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 125, 166);  
box-shadow:4px 4px 4px 4px rgb(235, 125,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4775, 35.0826, 40.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 125, 166) }
```

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

```
.background{ background-color: rgb(235,  
125, 166) }
```

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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