

Converting Colors

XYZ(52.3938, 34.7454, 70.4503)

Have a look what the booklet for
XYZ(52.3938, 34.7454, 70.4503)
contains.

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Color

**XYZ(52.5046, 34.8764,
70.2942)**

Conversions

Conversions Part 1

Format	Color
Hex	E974DA
RGB	233, 116, 218
RGB Percent	91%, 45%, 85%
CMY	0.0863, 0.5451, 0.1451
CMYK	0.00, 0.50, 0.06, 0.09
HSL	308°, 73%, 68%
HSV	308°, 50%, 91%
XYZ	52.5046, 34.8764, 70.2942
YIQ	162.6110, 36.9900, 56.5260

Conversions

Conversions Part 2

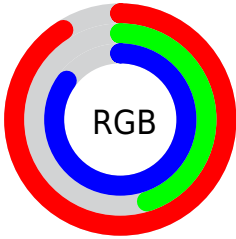
Format	Color
R _Y B	233, 116, 218
Decimal	15299802
CIE Lab	65.65, 58.31, -32.08
CIE LCh	66, 66.548, 331.184
Yxy	34.8764, 0.3330, 0.2212
Android (android.graphics.Color)	4293489882 (0xFFE974DA)
YUV	162.6110, 27.3068, 61.7312
Hunter-Lab	59.0562, 55.3489, -29.2331

Details

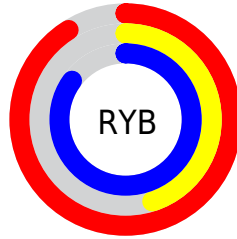
The XYZ color **52.5046, 34.8764, 70.2942** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **40.4397, 63.6309, 31.6257**, and the grayscale version is **34.4941, 36.2905, 39.5203**.

A 20% lighter version of the original color is **74.0425, 57.9850, 101.8975**, and **25.9059, 14.9900, 36.1783** is the 20% darker color. If you saturate the color by 10%, you get **49.7607, 30.0080, 67.4683**, and if you desaturate by 10%, it is **55.9313, 41.0977, 73.3831**.

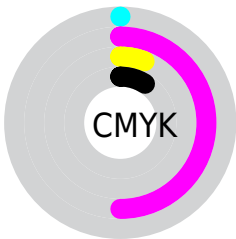
Distribution



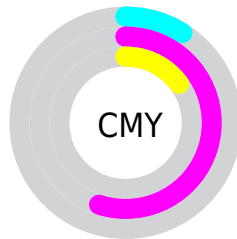
- Red (91%)
- Green (45%)
- Blue (85%)



- Red (91%)
- Yellow (45%)
- Blue (85%)



- Cyan (0%)
- Magenta (50%)
- Yellow (6%)
- Black (9%)





- Cyan (9%)
- Magenta (55%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5046, 34.8764, 70.2942 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 52.5046, 34.8764, 70.2942 by changing the saturation by 10% instead.


 52.5046, 34.8764,
70.2942


 52.5046, 34.8764,
70.2942


386.6736,
324.0224, 480.3993


 37.6333, 23.5677,
51.2881

 93.0448, 67.2942,
121.3133

 25.8742, 15.0132,
36.0596


 119.4445, 89.1722,
154.1633

 16.8617, 8.8287,
24.1902


 150.4177,
115.3419, 192.4651

 10.2306, 4.6296,
15.2613

186.3297,
146.1880, 236.6372

 5.6156, 2.0316,
8.8543

227.5460,
182.0946, 287.0982

 2.6512, 0.6257,
4.5508

274.4318,

 0.9721, 0.0000,

223.4463, 344.2665

1.9321

327.3526,
270.6275, 408.5607

■ 0.0000, 0.0000,
0.5130

■ 0.0000, 0.0000,
0.0000

■ 52.5046, 34.8764,
70.2942

■ 52.5046, 34.8764,
70.2942

■ 49.7607, 30.0080,
67.4683

■ 55.9313, 41.0977,
73.3831

■ 47.6448, 26.3850,
64.8861


■ 60.0833, 48.7591,
76.7484


■ 46.0992, 23.8915,
62.5283


■ 65.0039, 57.9462,
80.4050


■ 45.0540, 22.3877,
60.3716


■ 70.7318, 68.7366,
84.3660


 44.3993, 21.6417,
58.4164

 77.3032, 81.2024,
88.6436

 84.4942, 94.8957,
93.1634

 84.9318, 95.0707,
95.4679

 85.3767, 95.2487,
97.8109

 85.8290, 95.4296,
100.1924

Harmonies

Analogous

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



43.8698, 34.8764, 105.1887



52.5046, 34.8764, 70.2942



55.7267, 34.8764, 36.8722

Triad

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



52.5046, 34.8764, 70.2942



32.7618, 34.8764, 5.5705



19.5241, 34.8764, 73.2411

Complementary

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



52.5046, 34.8764, 70.2942



40.4397, 63.6309, 31.6257

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.



17.6792, 34.8764, 39.0985



52.5046, 34.8764, 70.2942



24.3346, 34.8764, 8.0231

Square

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



52.5046, 34.8764, 70.2942



43.0634, 34.8764, 7.6347



19.2523, 34.8764, 17.4828



24.8866, 34.8764, 107.3995

Rectangle

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



52.5046, 34.8764, 70.2942



53.9549, 34.8764, 21.6488



19.2523, 34.8764, 17.4828



18.5254, 34.8764, 60.9488

Sweetspot

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



52.5058, 34.8780, 70.2949



83.2588, 77.6651, 101.1239



30.1074, 23.0940, 79.9626



17.5064, 16.0316, 21.4259



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.



52.5058, 34.8780, 70.2949



61.0422, 36.7831, 82.7703



46.2710, 32.3841, 37.4628



15.6269, 15.2786, 18.5863



25.2253, 12.2928, 33.3173



2.0040, 0.9746, 2.7385

Inverse Universe

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



52.5058, 34.8780, 70.2949



61.0422, 36.7831, 82.7703



45.4362, 65.6294, 57.9365



15.6269, 15.2786, 18.5863



25.2253, 12.2928, 33.3173



2.0040, 0.9746, 2.7385

Previews

White Background



This preview shows how the XYZ color 52.5046, 34.8764, 70.2942 looks on a white background.

Color Contrast Check

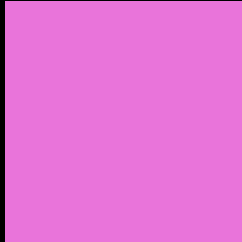
Large Text (above 18pt) WCAG AA × Fail

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 52.5046, 34.8764, 70.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

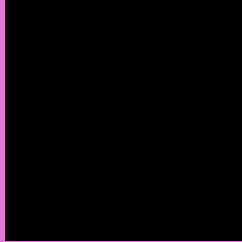
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5046, 34.8764, 70.2942

Background



This preview shows how black text looks on a background with the XYZ color 52.5046, 34.8764, 70.2942.



This preview shows how white text looks on a background with the XYZ color 52.5046, 34.8764,

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

52.5046, 34.8764, 70.2942

Protanopia

37.9270, 35.4390, 96.1082

Deuteranopia

35.8475, 35.0201, 66.4982



Tritanopia

44.0859, 34.6055, 30.3426

Trichromacy



Original Color

52.5046, 34.8764, 70.2942



Protanomaly

40.5628, 33.4705, 85.9839



Deuteranomaly

40.1707, 33.6660, 67.9993



Tritanomaly

46.5236, 34.4119, 42.2203

Monochromacy



Original Color

52.5046, 34.8764, 70.2942



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

39.5652, 34.6680, 49.4060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5046, 34.8764, 70.2942 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(233, 116, 218)` looks like.

```
.text, #text, p{  
    color:rgb(233, 116, 218)  
}
```

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(233, 116, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 116, 218) }
```

Border

The CSS property to change the border of an element to XYZ 52.5046, 34.8764, 70.2942 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(233, 116, 218) }
```


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

```
.border{ border-color:rgb(233, 116, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 116, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 116, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 116, 218);  
box-shadow:4px 4px 4px 4px rgb(233, 116,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5046, 34.8764, 70.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 116, 218) }
```

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

```
.background{ background-color: rgb(233,  
116, 218) }
```

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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