

Converting Colors

XYZ(50.7722, 34.6050, 73.8141)

Have a look what the booklet for XYZ(50.7722, 34.6050, 73.8141) contains.

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Color

**XYZ(50.7762, 34.6079,
73.8158)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E078DF |
| RGB | 224, 120, 223 |
| RGB Percent | 88%, 47%, 87% |
| CMY | 0.1216, 0.5294, 0.1255 |
| CMYK | 0.00, 0.46, 0.00, 0.12 |
| HSL | 301°, 63%, 67% |
| HSV | 301°, 46%, 88% |
| XYZ | 50.7762, 34.6079, 73.8158 |
| YIQ | 162.8380, 28.9210, 54.0810 |

Conversions

Conversions Part 2

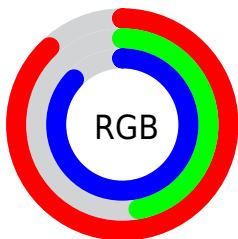
| Format | Color |
|-------------------------------------|--|
| RYB | 224, 120, 223 |
| Decimal | 14711007 |
| CIELab | 65.44, 54.66, -35.28 |
| CIELCh | 65, 65.056, 327.162 |
| Yxy | 34.6079, 0.3189, 0.2174 |
| Android (android.graphics.Color) | 4292901087 (0xFFE078DF) |
| YUV | 162.8380, 29.6599, 53.6391 |
| Hunter-Lab | 58.8285, 51.1176, -33.2150 |

Details

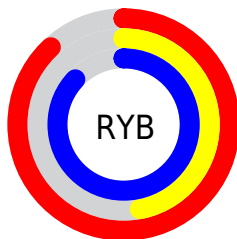
The XYZ color **50.7762, 34.6079, 73.8158** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **37.8540, 58.6862, 27.4235**, and the grayscale version is **34.5926, 36.3941, 39.6331**.

A 20% lighter version of the original color is **74.6200, 59.1399, 102.0900**, and **24.8596, 14.9019, 38.1253** is the 20% darker color. If you saturate the color by 10%, you get **48.3621, 29.8253, 72.8681**, and if you desaturate by 10%, it is **53.8228, 40.6537, 74.9752**.

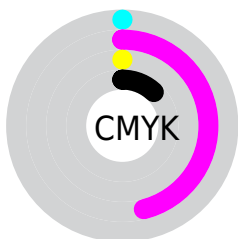
Distribution



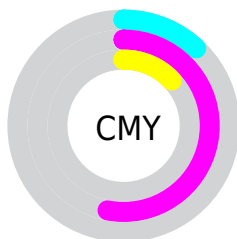
- Red (88%)
- Green (47%)
- Blue (87%)



- Red (88%)
- Yellow (47%)
- Blue (87%)



- Cyan (0%)
- Magenta (46%)
- Yellow (0%)
- Black (12%)




- Cyan (12%)
- Magenta (53%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7762, 34.6079, 73.8158 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 50.7762, 34.6079, 73.8158 by changing the saturation by 10% instead.


 50.7762, 34.6079,
73.8158


 50.7762, 34.6079,
73.8158

380.0957,
322.8342, 492.9838


 36.2508, 23.3610,
54.1474

 90.5088, 66.8779,
126.3663

 24.7990, 14.8603,
38.3256


 116.4468, 88.6698,
160.0855

 16.0553, 8.7214,
25.9317


 146.9197,
114.7454, 199.3253

 9.6544, 4.5599,
16.5472

182.2929,
145.4893, 244.5044

 5.2309, 1.9914,
9.7537

222.9318,
181.2857, 296.0413

 2.4195, 0.6025,
5.1325

269.2016,

 0.8549, 0.0000,

222.5190, 354.3544

2.2651

321.4678,
269.5737, 419.8624

■ 0.0000, 0.0000,
0.7116

■ 0.0000, 0.0000,
0.0000

■ 50.7762, 34.6079,
73.8158

■ 50.7762, 34.6079,
73.8158

■ 48.3621, 29.8253,
72.8681

■ 53.8228, 40.6537,
74.9752

■ 46.5322, 26.2120,
72.1150


■ 57.5386, 48.0387,
76.3574


■ 45.2375, 23.6689,
71.5405


■ 61.9616, 56.8382,
77.9757


■ 44.4189, 22.0780,
71.1249


■ 67.1262, 67.1206,
79.8412


 44.0023, 21.2911,
70.8434


 73.0644, 78.9501,
81.9648

 43.9051, 21.1132,
70.7601

 79.8062, 92.3869,
84.3565

 80.0247, 92.7770,
84.5740

 80.0541, 92.7888,
84.7285

 80.0835, 92.8005,
84.8833

Harmonies

Analogous

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



41.9687, 34.6079, 106.1290



50.7762, 34.6079, 73.8158



54.7487, 34.6079, 40.3349

Triad

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



50.7762, 34.6079, 73.8158



33.8075, 34.6079, 5.8438



19.1581, 34.6079, 67.0057

Complementary

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



50.7762, 34.6079, 73.8158



37.8540, 58.6862, 27.4235

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.



17.8006, 34.6079, 35.1483



50.7762, 34.6079, 73.8158



25.2315, 34.6079, 7.6524

Square

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



50.7762, 34.6079, 73.8158



43.8405, 34.6079, 8.5837



19.7965, 34.6079, 15.8189



23.9402, 34.6079, 101.0415

Rectangle

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



50.7762, 34.6079, 73.8158



53.6440, 34.6079, 24.2438



19.7965, 34.6079, 15.8189



18.3316, 34.6079, 55.3462

Sweetspot

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



50.7774, 34.6094, 73.8165



84.6446, 79.2776, 105.1589



27.9183, 22.8095, 73.4533



17.8129, 16.3625, 22.3978



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.



50.7774, 34.6094, 73.8165



64.8858, 40.0243, 97.7576



44.9047, 32.2604, 42.8915



14.2891, 13.9333, 17.2924



25.5582, 12.2903, 41.2009



1.7734, 0.8526, 2.8657

Inverse Universe

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



50.7774, 34.6094, 73.8165



64.8858, 40.0243, 97.7576



41.8492, 60.2842, 48.4617



14.2891, 13.9333, 17.2924



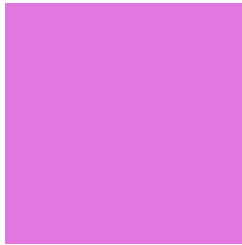
25.5582, 12.2903, 41.2009



1.7734, 0.8526, 2.8657

Previews

White Background



This preview shows how the XYZ color 50.7762, 34.6079, 73.8158 looks on a white background.

Color Contrast Check

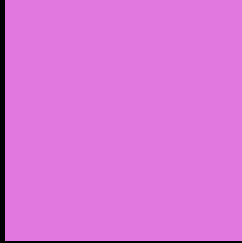
Large Text (above 18pt) WCAG AA × Fail

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 50.7762, 34.6079, 73.8158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

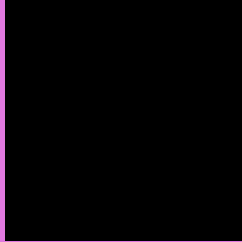
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7762, 34.6079, 73.8158

Background



This preview shows how black text looks on a background with the XYZ color 50.7762, 34.6079, 73.8158.



This preview shows how white text looks on a background with the XYZ color 50.7762, 34.6079,

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

50.7762, 34.6079, 73.8158

Protanopia

37.7865, 35.0797, 97.7080

Deuteranopia

35.6070, 34.8226, 69.8105



Tritanopia

42.3153, 34.4765, 32.4413

Trichromacy



Original Color

50.7762, 34.6079, 73.8158



Protanomaly

40.3467, 33.5293, 88.3497



Deuteranomaly

39.7727, 33.8316, 71.4517



Tritanomaly

44.7676, 34.2332, 44.8056

Monochromacy



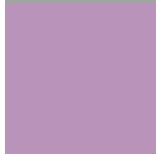
Original Color

50.7762, 34.6079, 73.8158



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

39.1983, 34.6845, 50.5277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7762, 34.6079, 73.8158 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(224, 120, 223)` looks like.

```
.text, #text, p{  
    color:rgb(224, 120, 223)  
}
```

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(224, 120, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 120, 223) }
```

Border

The CSS property to change the border of an element to XYZ 50.7762, 34.6079, 73.8158 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(224, 120, 223) }
```


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

```
.border{ border-color:rgb(224, 120, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 120, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 120, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 120, 223);  
box-shadow:4px 4px 4px 4px rgb(224, 120,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7762, 34.6079, 73.8158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 120, 223) }
```

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

```
.background{ background-color: rgb(224,  
120, 223) }
```

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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