

Converting Colors

XYZ(58.5014, 53.4366, 77.7520)

Have a look what the booklet for
XYZ(58.5014, 53.4366, 77.7520)
contains.

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Color

**XYZ(58.5014, 53.4366,
77.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B6E0
RGB	216, 182, 224
RGB Percent	85%, 71%, 88%
CMY	0.1529, 0.2863, 0.1216
CMYK	0.04, 0.19, 0.00, 0.12
HSL	289°, 40%, 80%
HSV	289°, 19%, 88%
XYZ	58.5014, 53.4366, 77.7520
YIQ	196.9540, 6.7820, 20.2700

Conversions

Conversions Part 2

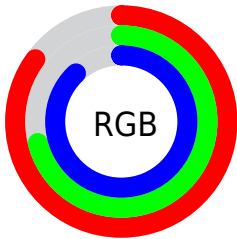
Format	Color
RYB	216, 182, 224
Decimal	14202592
CIELab	78.13, 19.58, -16.47
CIElCh	78, 25.581, 319.928
Yxy	53.4366, 0.3084, 0.2817
Android (android.graphics.Color)	4292392672 (0xFFD8B6E0)
YUV	196.9540, 13.3337, 16.7033
Hunter-Lab	73.1003, 14.9260, -11.8926

Details

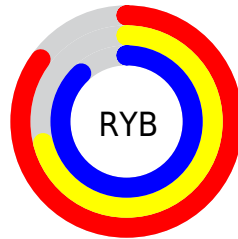
The XYZ color **58.5014, 53.4366, 77.7520** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.3362, 67.6372, 54.3446**, and the grayscale version is **52.9637, 55.7220, 60.6812**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **29.7096, 26.1422, 41.0162** is the 20% darker color. If you saturate the color by 10%, you get **53.0321, 44.3443, 76.2861**, and if you desaturate by 10%, it is **64.7405, 64.0179, 79.4664**.

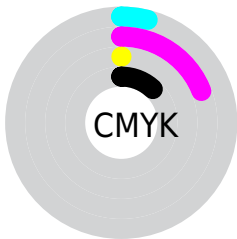
Distribution



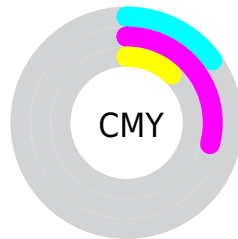
- Red (85%)
- Green (71%)
- Blue (88%)



- Red (85%)
- Yellow (71%)
- Blue (88%)



- Cyan (4%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)



- Cyan (15%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5014, 53.4366, 77.7520 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 58.5014, 53.4366, 77.7520 by changing the saturation by 10% instead.

■ 58.5014, 53.4366,
77.7520

■ 58.5014, 53.4366,
77.7520

408.9755,
399.9579, 506.8298

■ 42.4567, 38.1514,
57.3550

■ 101.7714, 95.2465,
131.9831

■ 29.6517, 26.1002,
40.8791

129.7275,
122.5400, 166.6544

■ 19.7212, 16.8986,
27.9056

162.3847,
154.6051, 206.9209

■ 12.2996, 10.1622,
18.0161

200.1084,
191.8262, 253.2010

■ 7.0217, 5.5067,
10.7920

243.2640,
234.5876, 305.9135

■ 3.5221, 2.5475,
5.8147

292.2168,

■ 1.4355, 0.9003,

283.2738, 365.4767

2.6658

347.3322,
338.2691, 432.3093

■ 0.2813, 0.0000,
0.9261

■ 0.0000, 0.0000,
0.0000

■ 58.5014, 53.4366,
77.7520

■ 58.5014, 53.4366,
77.7520

■ 53.0321, 44.3443,
76.2861

■ 64.7405, 64.0179,
79.4664

■ 48.2926, 36.6643,
75.0535

■ 71.7771, 76.1464,
81.4365

■ 44.2466, 30.3236,
74.0428

■ 79.6438, 89.8856,
83.6738

■ 40.8528, 25.2396,
73.2404

■ 82.8415, 94.2371,
84.3452

■ 38.0651, 21.3206,
72.6309

■ 84.2519, 94.9642,
84.4112

■ 35.8311, 18.4624,
72.1970

■ 85.6963, 95.7088,
84.4788

■ 34.0890, 16.5418,
71.9181

■ 87.1749, 96.4711,
84.5480

■ 32.7453, 15.3717,
71.7630

■ 88.6878, 97.2510,
84.6188

■ 32.5890, 15.2460,
71.7470

■ 90.2353, 98.0488,
84.6913

Harmonies

Analogous

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



54.1350, 53.4366, 88.0698



58.5014, 53.4366, 77.7520



60.8475, 53.4366, 63.1287

Triad

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



58.5014, 53.4366, 77.7520



52.4885, 53.4366, 35.0817



42.2834, 53.4366, 68.0733

Complementary

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



58.5014, 53.4366, 77.7520



56.3362, 67.6372, 54.3446

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.



41.9065, 53.4366, 53.5033



58.5014, 53.4366, 77.7520



47.5855, 53.4366, 35.9621

Square

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



58.5014, 53.4366, 77.7520



57.2284, 53.4366, 39.5674



43.7877, 53.4366, 42.2088



44.8534, 53.4366, 81.8779

Rectangle

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



58.5014, 53.4366, 77.7520



60.8522, 53.4366, 53.5677



43.7877, 53.4366, 42.2088



41.9028, 53.4366, 63.0568

Sweetspot

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



58.5030, 53.4389, 77.7532



89.2978, 90.0751, 107.2875



51.2483, 52.3297, 77.9214



18.9845, 19.0585, 22.9280



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.



58.5030, 53.4389, 77.7532



75.8677, 67.3102, 103.6012



59.2781, 54.0287, 69.1970



14.0257, 13.7968, 17.3115



19.0616, 8.9219, 41.7658



1.3879, 0.6528, 2.8981

Inverse Universe

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



56.7645, 53.0232, 55.9603



73.2217, 66.6934, 69.7166



55.7541, 67.1798, 61.4236



13.8134, 13.7430, 14.7874



18.1750, 9.3370, 2.3212



1.2908, 0.6596, 0.3243

Previews

White Background



This preview shows how the XYZ color 58.5014, 53.4366, 77.7520 looks on a white background.

Color Contrast Check

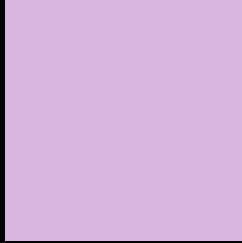
Large Text (above 18pt) WCAG AA × Fail

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 58.5014, 53.4366, 77.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

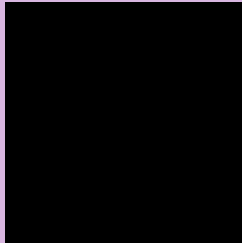
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5014, 53.4366, 77.7520

Background



This preview shows how black text looks on a background with the XYZ color 58.5014, 53.4366, 77.7520.



This preview shows how white text looks on a background with the XYZ color 58.5014, 53.4366,

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

58.5014, 53.4366, 77.7520

Protanopia

53.1401, 53.7267, 82.4324

Deuteranopia

54.8056, 53.7287, 77.2941



Tritanopia

55.5421, 53.4810, 62.6538

Trichromacy



Original Color

58.5014, 53.4366, 77.7520

Protanomaly

54.7518, 53.3036, 80.8017

Deuteranomaly

56.0550, 53.4247, 77.1696

Tritanomaly

56.5891, 53.5975, 67.6844

Monochromacy



Original Color

58.5014, 53.4366, 77.7520

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.0140, 55.0416, 66.7560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5014, 53.4366, 77.7520 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(216, 182, 224)` looks like.

```
.text, #text, p{  
    color:rgb(216, 182, 224)  
}
```

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(216, 182, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 182, 224) }
```

Border

The CSS property to change the border of an element to XYZ 58.5014, 53.4366, 77.7520 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(216, 182, 224) }
```


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

```
.border{ border-color:rgb(216, 182, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 182, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 182, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 182, 224);  
box-shadow:4px 4px 4px 4px rgb(216, 182,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5014, 53.4366, 77.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 182, 224) }
```

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

```
.background{ background-color: rgb(216,  
182, 224) }
```

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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