

Converting Colors

XYZ(59.6050, 54.0541, 74.4649)

Have a look what the booklet for
XYZ(59.6050, 54.0541, 74.4649)
contains.

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Color

**XYZ(59.6383, 54.1000,
74.3169)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB6DB
RGB	222, 182, 219
RGB Percent	87%, 71%, 86%
CMY	0.1294, 0.2863, 0.1412
CMYK	0.00, 0.18, 0.01, 0.13
HSL	305°, 38%, 79%
HSV	305°, 18%, 87%
XYZ	59.6383, 54.1000, 74.3169
YIQ	198.1780, 11.9630, 19.9870

Conversions

Conversions Part 2

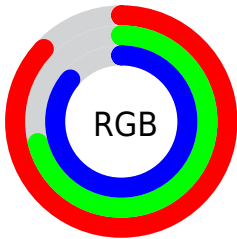
Format	Color
R_{YB}	222, 182, 219
Decimal	14595803
CIE _{Lab}	78.52, 20.64, -13.13
CIE _{LCh}	79, 24.461, 327.546
Yxy	54.1000, 0.3171, 0.2877
Android (android.graphics.Color)	4292785883 (0xFFDEB6DB)
YUV	198.1780, 10.2652, 20.8919
Hunter-Lab	73.5527, 16.0149, -8.4191

Details

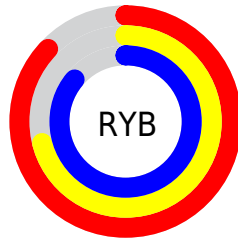
The XYZ color **59.6383, 54.1000, 74.3169** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **54.1717, 65.6919, 55.7265**, and the grayscale version is **53.7205, 56.5182, 61.5483**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **30.4874, 26.5963, 38.6487** is the 20% darker color. If you saturate the color by 10%, you get **55.2298, 45.6311, 71.7717**, and if you desaturate by 10%, it is **64.7730, 64.0159, 77.1162**.

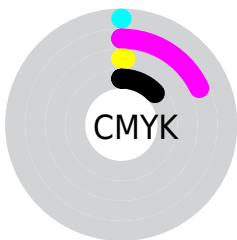
Distribution



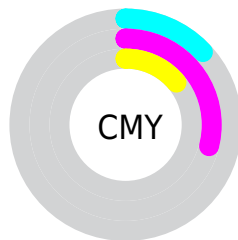
- Red (87%)
- Green (71%)
- Blue (86%)



- Red (87%)
- Yellow (71%)
- Blue (86%)



- Cyan (0%)
- Magenta (18%)
- Yellow (1%)
- Black (13%)





- Cyan (13%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6383, 54.1000, 74.3169 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 59.6383, 54.1000, 74.3169 by changing the saturation by 10% instead.


 59.6383, 54.1000,
74.3169

 59.6383, 54.1000,
74.3169


413.1194,
402.4912, 494.7590

 43.3755, 38.6816,
54.5551


 103.4141, 96.2211,
127.0831

 30.3757, 26.5121,
38.6494


131.6579,
123.6925, 160.9246

 20.2734, 17.2072,
26.1814


164.6260,
155.9505, 200.2964

 12.7033, 10.3823,
16.7324

202.6838,
193.3793, 245.6171

 7.3002, 5.6532,
9.8840

246.1967,
236.3634, 297.3051

 3.6985, 2.6354,
5.2175

295.5300,

 1.5330, 0.9445,

285.2871, 355.7791

2.3145

351.0492,
340.5350, 421.4575

■ 0.3481, 0.0000,
0.7393

■ 0.0000, 0.0000,
0.0000

■ 59.6383, 54.1000,
74.3169

■ 59.6383, 54.1000,
74.3169

■ 55.2298, 45.6311,
71.7717

■ 64.7730, 64.0159,
77.1162

■ 51.5086, 38.5345,
69.4659

■ 70.6606, 75.4350,
80.1766

■ 48.4399, 32.7391,
67.3883

■ 77.3326, 88.4192,
83.5094

■ 45.9836, 28.1651,
65.5255

■ 79.5657, 92.5222,
85.3735

44.0953, 24.7237,
63.8628

79.7949, 92.6139,
86.5806

42.7246, 22.3140,
62.3833

80.0263, 92.7065,
87.7994

41.8122, 20.8175,
61.0672

80.2600, 92.8000,
89.0300

41.2740, 20.0661,
59.8864

80.4959, 92.8943,
90.2723

41.1862, 19.9544,
59.6597

80.7341, 92.9896,
91.5264

Harmonies

Analogous

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



55.8236, 54.1000, 85.6925



59.6383, 54.1000, 74.3169



61.2398, 54.1000, 60.0488

Triad

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



59.6383, 54.1000, 74.3169



51.8180, 54.1000, 36.1805



43.6380, 54.1000, 72.0435

Complementary

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



59.6383, 54.1000, 74.3169



54.1717, 65.6919, 55.7265

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.



42.7111, 54.1000, 57.7772



59.6383, 54.1000, 74.3169



47.2551, 54.1000, 38.3786

Square

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



59.6383, 54.1000, 74.3169



56.5524, 54.1000, 39.2386



43.9944, 54.1000, 45.7875



46.6088, 54.1000, 84.2425

Rectangle

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



59.6383, 54.1000, 74.3169



60.7664, 54.1000, 51.2656



43.9944, 54.1000, 45.7875



43.0855, 54.1000, 67.2694

Sweetspot

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



59.6399, 54.1024, 74.3181



90.9630, 92.0717, 106.7799



49.8424, 49.0055, 75.9401



19.3515, 19.4778, 22.7931



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.



59.6399, 54.1024, 74.3181



79.0202, 69.0128, 100.2510



57.2015, 53.1270, 61.4778



14.2483, 13.9170, 17.0779



24.4819, 11.8598, 35.5329



1.7104, 0.8274, 2.5336

Inverse Universe

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



59.6399, 54.1024, 74.3181



79.0202, 69.0128, 100.2510



56.3938, 66.5807, 67.4278



14.2483, 13.9170, 17.0779



24.4819, 11.8598, 35.5329



1.7104, 0.8274, 2.5336

Previews

White Background



This preview shows how the XYZ color 59.6383, 54.1000, 74.3169 looks on a white background.

Color Contrast Check

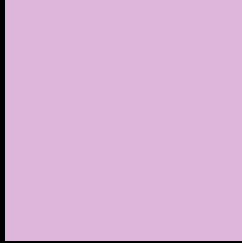
Large Text (above 18pt) WCAG AA × Fail

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 59.6383, 54.1000, 74.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

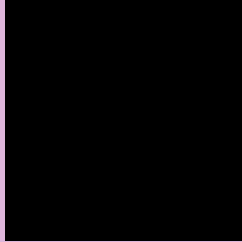
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6383, 54.1000, 74.3169

Background



This preview shows how black text looks on a background with the XYZ color 59.6383, 54.1000, 74.3169.



This preview shows how white text looks on a background with the XYZ color 59.6383, 54.1000,

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

59.6383, 54.1000, 74.3169

Protanopia

53.5365, 54.3223, 79.6151

Deuteranopia

55.4811, 54.1537, 73.8582



Tritanopia

56.9877, 53.9281, 62.0492

Trichromacy



Original Color

59.6383, 54.1000, 74.3169

Protanomaly

55.3363, 54.0023, 77.3190

Deuteranomaly

56.7921, 53.8814, 73.7365

Tritanomaly

57.9182, 54.0016, 66.4022

Monochromacy



Original Color

59.6383, 54.1000, 74.3169

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.7223, 55.4209, 66.1529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6383, 54.1000, 74.3169 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(222, 182, 219)` looks like.

```
.text, #text, p{  
    color:rgb(222, 182, 219)  
}
```

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(222, 182, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 182, 219) }
```

Border

The CSS property to change the border of an element to XYZ 59.6383, 54.1000, 74.3169 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(222, 182, 219) }
```


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

```
.border{ border-color:rgb(222, 182, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 182, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 182, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 182, 219);  
box-shadow:4px 4px 4px 4px rgb(222, 182,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6383, 54.1000, 74.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 182, 219) }
```

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

```
.background{ background-color: rgb(222,  
182, 219) }
```

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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