

Converting Colors

XYZ(53.9151, 51.6408, 63.7113)

Have a look what the booklet for
XYZ(53.9151, 51.6408, 63.7113)
contains.

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Color

**XYZ(54.0075, 51.7341,
63.6391)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B7CB
RGB	209, 183, 203
RGB Percent	82%, 72%, 80%
CMY	0.1804, 0.2823, 0.2039
CMYK	0.00, 0.12, 0.03, 0.18
HSL	314°, 22%, 77%
HSV	314°, 12%, 82%
XYZ	54.0075, 51.7341, 63.6391
YIQ	193.0540, 9.0760, 11.7320

Conversions

Conversions Part 2

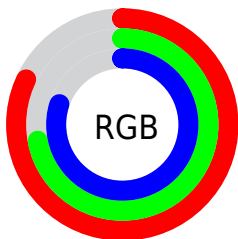
Format	Color
R_{YB}	209, 183, 203
Decimal	13744075
CIE Lab	77.12, 12.75, -6.66
CIE LCh	77, 14.386, 332.403
Yxy	51.7341, 0.3189, 0.3054
Android (android.graphics.Color)	4291934155 (0xFFD1B7CB)
YUV	193.0540, 4.9034, 13.9846
Hunter-Lab	71.9264, 8.1593, -2.1101

Details

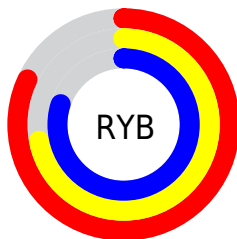
The XYZ color **54.0075, 51.7341, 63.6391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5162, 59.3438, 56.8863**, and the grayscale version is **50.6899, 53.3298, 58.0761**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **26.7339, 25.0052, 31.8512** is the 20% darker color. If you saturate the color by 10%, you get **49.4472, 43.5185, 59.3272**, and if you desaturate by 10%, it is **59.2288, 61.2416, 68.2608**.

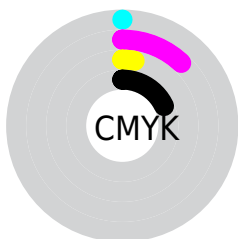
Distribution



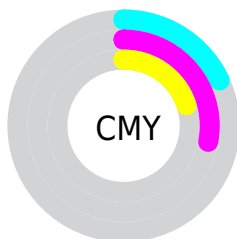
- Red (82%)
- Green (72%)
- Blue (80%)



- Red (82%)
- Yellow (72%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0075, 51.7341, 63.6391 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 54.0075, 51.7341, 63.6391 by changing the saturation by 10% instead.

■ 54.0075, 51.7341,
63.6391

■ 54.0075, 51.7341,
63.6391

392.3365,
393.4092, 456.0568

■ 38.8384, 36.7932,
45.9141

■ 95.2421, 92.7390,
111.6855

■ 26.8142, 25.0474,
31.8299

122.0382,
119.5717, 142.8440

■ 17.5696, 16.1124,
20.9678

153.4408,
151.1372, 179.3173

■ 10.7392, 9.6037,
12.9095

189.8150,
187.8198, 221.5242

■ 5.9578, 5.1370,
7.2363

231.5264,
230.0039, 269.8830

■ 2.8598, 2.3279,
3.5296

278.9402,

■ 1.0801, 0.7884,

278.0739, 324.8124

1.3710

332.4217,
332.4142, 386.7308

■ 0.0083, 0.0000,
0.1189

■ 0.0000, 0.0000,
0.0000

■ 54.0075, 51.7341,
63.6391

■ 54.0075, 51.7341,
63.6391

■ 49.4472, 43.5185,
59.3272

■ 59.2288, 61.2416,
68.2608

■ 45.5151, 36.5317,
55.3115

■ 65.1332, 72.0869,
73.1987

■ 42.1823, 30.7155,
51.5823

■ 71.7470, 84.3223,
78.4629

■ 39.4160, 26.0044,
48.1278

■ 75.2795, 90.3653,
82.7905

37.1800, 22.3261,
44.9351

75.9366, 90.6282,
86.2509

35.4337, 19.6001,
41.9898

76.6124, 90.8985,
89.8097

34.1307, 17.7337,
39.2756

77.3071, 91.1764,
93.4676

33.2152, 16.6155,
36.7731

78.0206, 91.4618,
97.2252

32.7070, 16.1204,
34.9964

78.7533, 91.7549,
101.0835

Harmonies

Analogous

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



52.0595, 51.7341, 70.1050



54.0075, 51.7341, 63.6391



54.6454, 51.7341, 55.6973

Triad

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



54.0075, 51.7341, 63.6391



48.9504, 51.7341, 42.5155



44.8417, 51.7341, 64.8392

Complementary

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



54.0075, 51.7341, 63.6391



51.5162, 59.3438, 56.8863

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.



44.0763, 51.7341, 56.9668



54.0075, 51.7341, 63.6391



46.3927, 51.7341, 44.4885

Square

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



54.0075, 51.7341, 63.6391



51.6618, 51.7341, 43.9483



44.6336, 51.7341, 49.6025



46.7630, 51.7341, 70.8420

Rectangle

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



54.0075, 51.7341, 63.6391



54.2234, 51.7341, 50.7539



44.6336, 51.7341, 49.6025



44.4440, 51.7341, 62.2995

Sweetspot

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



54.0090, 51.7364, 63.6402



91.5052, 93.5132, 105.8599



49.3397, 49.2450, 67.2272



19.4474, 19.7628, 22.5380



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.



54.0090, 51.7364, 63.6402



82.6494, 77.4213, 97.9147



52.5642, 51.1584, 56.0319



12.1892, 11.9604, 14.2722



20.2052, 9.9549, 21.7846



1.1589, 0.5683, 1.3716

Inverse Universe

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



54.0090, 51.7364, 63.6402



82.6494, 77.4213, 97.9147



52.9480, 59.9165, 64.4256



12.1892, 11.9604, 14.2722



20.2052, 9.9549, 21.7846



1.1589, 0.5683, 1.3716

Previews

White Background



This preview shows how the XYZ color 54.0075, 51.7341, 63.6391 looks on a white background.

Color Contrast Check

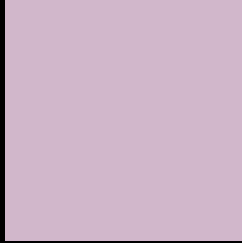
Large Text (above 18pt) WCAG AA × Fail

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 54.0075, 51.7341, 63.6391 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 54.0075, 51.7341, 63.6391

Background



This preview shows how black text looks on a background with the XYZ color 54.0075, 51.7341, 63.6391.



This preview shows how white text looks on a background with the XYZ color 54.0075, 51.7341,

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

54.0075, 51.7341, 63.6391

Protanopia

50.4463, 51.7190, 66.3554

Deuteranopia

53.0303, 51.8471, 63.7124



Tritanopia

53.3460, 51.7681, 60.6067

Trichromacy



Original Color

54.0075, 51.7341, 63.6391

Protanomaly

51.6759, 51.7326, 65.6543

Deuteranomaly

53.3736, 51.7146, 63.6687

Tritanomaly

53.5782, 51.8610, 61.8299

Monochromacy



Original Color

54.0075, 51.7341, 63.6391

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.8288, 52.5685, 60.2384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0075, 51.7341, 63.6391 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(209, 183, 203)` looks like.

```
.text, #text, p{  
    color:rgb(209, 183, 203)  
}
```

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(209, 183, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 183, 203) }
```

Border

The CSS property to change the border of an element to XYZ 54.0075, 51.7341, 63.6391 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(209, 183, 203) }
```


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

```
.border{ border-color:rgb(209, 183, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 183, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 183, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 183, 203);  
box-shadow:4px 4px 4px 4px rgb(209, 183,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0075, 51.7341, 63.6391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 183, 203) }
```

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

```
.background{ background-color: rgb(209,  
183, 203) }
```

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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