

Converting Colors

XYZ(53.0520, 54.5615, 75.0575)

Have a look what the booklet for
XYZ(53.0520, 54.5615, 75.0575)
contains.

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Color

**XYZ(53.0642, 54.5169,
74.7439)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC2DB
RGB	189, 194, 219
RGB Percent	74%, 76%, 86%
CMY	0.2588, 0.2392, 0.1412
CMYK	0.14, 0.11, 0.00, 0.14
HSL	230°, 29%, 80%
HSV	230°, 14%, 86%
XYZ	53.0642, 54.5169, 74.7439
YIQ	195.3550, -11.0050, 6.7150

Conversions

Conversions Part 2

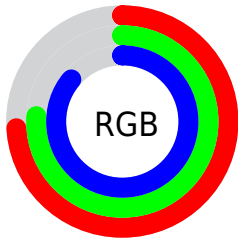
Format	Color
R _Y B	189, 193, 219
Decimal	12436187
CIE Lab	78.76, 3.25, -13.05
CIE LCh	79, 13.445, 283.998
Yxy	54.5169, 0.2910, 0.2990
Android (android.graphics.Color)	4290626267 (0xFFBDC2DB)
YUV	195.3550, 11.6570, -5.5733
Hunter-Lab	73.8356, -0.9277, -8.3345

Details

The XYZ color **53.0642, 54.5169, 74.7439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4455, 66.8268, 57.7527**, and the grayscale version is **52.0221, 54.7313, 59.6024**.

A 20% lighter version of the original color is **89.8918, 95.0037, 108.2075**, and **26.0706, 26.5874, 38.8798** is the 20% darker color. If you saturate the color by 10%, you get **44.2218, 44.2964, 73.2380**, and if you desaturate by 10%, it is **63.2289, 66.1623, 76.4568**.

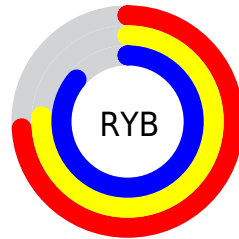
Distribution



Red (74%)

Green (76%)

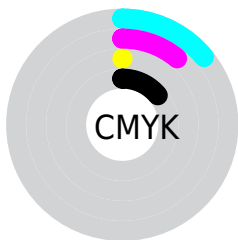
Blue (86%)



Red (74%)

Yellow (76%)

Blue (86%)

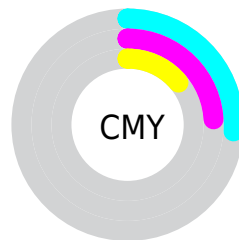


Cyan (14%)

Magenta (11%)

Yellow (0%)

Black (14%)



Cyan (26%)

Magenta (24%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0642, 54.5169, 74.7439 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 53.0642, 54.5169, 74.7439 by changing the saturation by 10% instead.

■ 53.0642, 54.5169,
74.7439

■ 53.0642, 54.5169,
74.7439

388.7882,
404.0781, 496.2688

■ 38.0817, 39.0151,
54.9026

■ 93.8638, 96.8328,
127.6935

■ 26.2236, 26.7714,
38.9257

120.4116,
124.4156, 161.6390

■ 17.1246, 17.4016,
26.3945

151.5453,
156.7942, 201.1229

■ 10.4192, 10.5213,
16.8906

187.6301,
194.3531, 246.5639

■ 5.7422, 5.7459,
9.9954

229.0314,
237.4764, 298.3804

■ 2.7281, 2.6912,
5.2903

276.1147,

■ 1.0117, 0.9727,

286.5488, 356.9910

2.3569

329.2451,
341.9546, 422.8143

■ 0.0000, 0.0000,
0.7628

■ 0.0000, 0.0000,
0.0000

■ 53.0642, 54.5169,
74.7439

■ 53.0642, 54.5169,
74.7439

■ 44.2218, 44.2964,
73.2380

■ 63.2289, 66.1623,
76.4568

■ 36.6421, 35.4390,
71.9279

■ 74.7623, 79.2775,
78.3804

■ 30.2683, 27.8885,
70.8064

■ 87.7148, 93.9141,
80.5229

■ 25.0371, 21.5823,
69.8649

■ 89.7864, 97.8945,
81.1820

■ 20.8795, 16.4521,
69.0938

■ 17.7187, 12.4233,
68.4828

■ 15.4675, 9.4121,
68.0202

■ 14.0222, 7.3219,
67.6930

■ 13.4331, 6.4081,
67.5476

Harmonies

Analogous

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



50.4189, 54.5169, 74.5893



53.0642, 54.5169, 74.7439



55.4528, 54.5169, 70.5375

Triad

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



53.0642, 54.5169, 74.7439



55.5853, 54.5169, 49.7514



47.0522, 54.5169, 55.4109

Complementary

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



53.0642, 54.5169, 74.7439



62.4455, 66.8268, 57.7527

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.



48.3431, 54.5169, 49.4298



53.0642, 54.5169, 74.7439



53.2401, 54.5169, 46.3584

Square

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



53.0642, 54.5169, 74.7439



56.9417, 54.5169, 55.8852



50.5889, 54.5169, 46.2460



47.0088, 54.5169, 62.9752

Rectangle

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



53.0642, 54.5169, 74.7439



56.5528, 54.5169, 66.0186



50.5889, 54.5169, 46.2460



47.3526, 54.5169, 53.1642

Sweetspot

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



53.0658, 54.5192, 74.7451



88.7448, 92.8132, 107.8451



58.3925, 66.3124, 73.0069



18.7488, 19.5847, 23.0420



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.



53.0658, 54.5192, 74.7451



71.6975, 73.2612, 104.9697



54.4055, 53.5845, 74.4941



12.5133, 12.9663, 16.4954



8.0189, 3.9073, 40.0699



0.5743, 0.3626, 2.6142

Inverse Universe

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



57.1499, 55.3514, 58.7134



78.3889, 74.6751, 78.6916



60.9540, 67.9665, 58.0513



13.1442, 13.0868, 14.0206



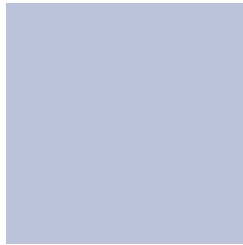
17.5429, 9.0182, 1.9731



1.1641, 0.5953, 0.2734

Previews

White Background



This preview shows how the XYZ color 53.0642, 54.5169, 74.7439 looks on a white background.

Color Contrast Check

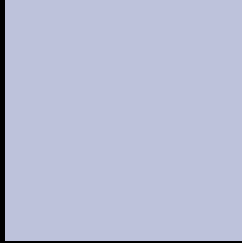
Large Text (above 18pt) WCAG AA × Fail

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 53.0642, 54.5169, 74.7439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

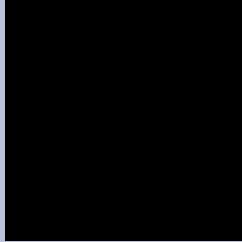
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0642, 54.5169, 74.7439

Background



This preview shows how black text looks on a background with the XYZ color 53.0642, 54.5169, 74.7439.



This preview shows how white text looks on a background with the XYZ color 53.0642, 54.5169,

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

53.0642, 54.5169, 74.7439

Protanopia

53.3420, 54.3308, 74.6933

Deuteranopia

55.6888, 54.5508, 75.3044



Tritanopia

52.0120, 54.4247, 69.3917

Trichromacy



Original Color

53.0642, 54.5169, 74.7439

Protanomaly

53.0914, 54.2016, 74.6816

Deuteranomaly

54.5750, 54.2992, 75.3145

Tritanomaly

52.3917, 54.5766, 71.3913

Monochromacy



Original Color

53.0642, 54.5169, 74.7439

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.4065, 54.7273, 64.9280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0642, 54.5169, 74.7439 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(189, 194, 219)` looks like.

```
.text, #text, p{  
    color:rgb(189, 194, 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(189, 194, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 194, 219) }
```

Border

The CSS property to change the border of an element to XYZ 53.0642, 54.5169, 74.7439 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(189, 194, 219) }
```


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

```
.border{ border-color:rgb(189, 194, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 194, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 194, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 194, 219);  
box-shadow:4px 4px 4px 4px rgb(189, 194,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0642, 54.5169, 74.7439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 194, 219) }
```

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

```
.background{ background-color: rgb(189,  
194, 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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