

Converting Colors

XYZ(53.5788, 54.8173, 74.9835)

Have a look what the booklet for
XYZ(53.5788, 54.8173, 74.9835)
contains.

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Color

**XYZ(53.5638, 54.7744,
74.7672)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC2DB
RGB	191, 194, 219
RGB Percent	75%, 76%, 86%
CMY	0.2510, 0.2392, 0.1412
CMYK	0.13, 0.11, 0.00, 0.14
HSL	234°, 28%, 80%
HSV	234°, 13%, 86%
XYZ	53.5638, 54.7744, 74.7672
YIQ	195.9530, -9.8130, 7.1390

Conversions

Conversions Part 2

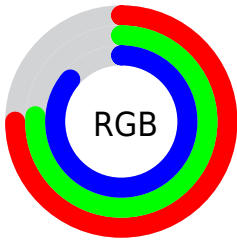
Format	Color
R_{YB}	191, 194, 219
Decimal	12567259
CIE _{Lab}	78.91, 3.90, -12.81
CIE _{LCh}	79, 13.387, 286.928
Yxy	54.7744, 0.2925, 0.2991
Android (android.graphics.Color)	4290757339 (0xFFBFC2DB)
YUV	195.9530, 11.3622, -4.3438
Hunter-Lab	74.0097, -0.3294, -8.0900

Details

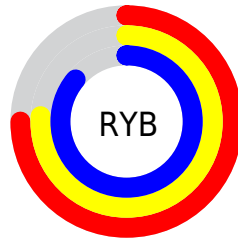
The XYZ color **53.5638, 54.7744, 74.7672** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1735, 67.9330, 59.0741**, and the grayscale version is **52.3808, 55.1086, 60.0133**.

A 20% lighter version of the original color is **90.5934, 95.3654, 108.2403**, and **26.3955, 26.7549, 38.8950** is the 20% darker color. If you saturate the color by 10%, you get **44.3940, 44.0082, 73.1733**, and if you desaturate by 10%, it is **64.1329, 67.1148, 76.5929**.

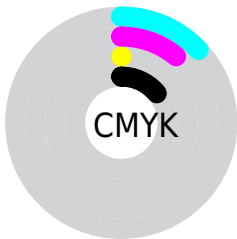
Distribution



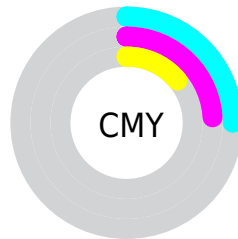
- Red (75%)
- Green (76%)
- Blue (86%)



- Red (75%)
- Yellow (76%)
- Blue (86%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (25%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5638, 54.7744, 74.7672 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 53.5638, 54.7744, 74.7672 by changing the saturation by 10% instead.

■ 53.5638, 54.7744,
74.7672

■ 53.5638, 54.7744,
74.7672

390.6700,
405.0562, 496.3511

■ 38.4823, 39.2211,
54.9216

■ 94.5941, 97.2103,
127.7268

■ 26.5362, 26.9318,
38.9408

121.2737,
124.8618, 161.6780

■ 17.3599, 17.5220,
26.4062

152.5500,
157.3148, 201.1680

■ 10.5883, 10.6074,
16.8993

188.7884,
194.9536, 246.6155

■ 5.8560, 5.8035,
10.0015

230.3542,
238.1628, 298.4391

■ 2.7975, 2.7260,
5.2943

277.6129,

■ 1.0476, 0.9904,

287.3267, 357.0571

2.3592

330.9297,
342.8297, 422.8883

■ 0.0000, 0.0000,
0.7641

■ 0.0000, 0.0000,
0.0000

■ 53.5638, 54.7744,
74.7672

■ 53.5638, 54.7744,
74.7672

■ 44.3940, 44.0082,
73.1733

■ 64.1329, 67.1148,
76.5929

■ 36.5601, 34.7460,
71.7984

■ 76.1514, 81.0819,
78.6554

■ 30.0007, 26.9229,
70.6341

■ 89.0442, 96.4102,
80.9346

■ 24.6481, 20.4661,
69.6699

■ 89.7863, 97.8945,
81.1820

■ 20.4282, 15.2968,
68.8946

■ 17.2584, 11.3279,
68.2956

■ 15.0449, 8.4613,
67.8589

■ 13.6768, 6.5832,
67.5685

■ 13.1025, 5.7468,
67.4373

Harmonies

Analogous

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



50.9141, 54.7744, 75.0640



53.5638, 54.7744, 74.7672



55.8848, 54.7744, 70.2046

Triad

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



53.5638, 54.7744, 74.7672



55.6302, 54.7744, 49.5739



47.2401, 54.7744, 56.3905

Complementary

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



53.5638, 54.7744, 74.7672



63.1735, 67.9330, 59.0741

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.



48.4165, 54.7744, 50.1923



53.5638, 54.7744, 74.7672



53.2259, 54.7744, 46.4883

Square

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



53.5638, 54.7744, 74.7672



57.1054, 54.7744, 55.4788



50.5874, 54.7744, 46.7046



47.3235, 54.7744, 64.0043

Rectangle

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



53.5638, 54.7744, 74.7672



56.9064, 54.7744, 65.5618



50.5874, 54.7744, 46.7046



47.4995, 54.7744, 54.0860

Sweetspot

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



53.5654, 54.7767, 74.7684



88.5599, 92.4435, 107.7835



59.1785, 66.6844, 74.5383



18.7022, 19.4915, 23.0265



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.



53.5654, 54.7767, 74.7684



72.4083, 73.5681, 104.9915



55.7030, 54.8966, 74.6789



12.4505, 12.8408, 16.4744



7.8077, 3.4848, 39.9995



0.5446, 0.3033, 2.6043

Inverse Universe

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



57.5831, 56.2179, 58.8577



79.0199, 75.9695, 78.8019



60.8239, 67.8741, 59.1866



13.1125, 13.0741, 13.8538



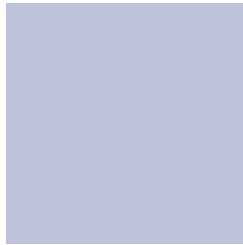
17.4363, 8.9756, 1.4116



1.1492, 0.5893, 0.1945

Previews

White Background



This preview shows how the XYZ color 53.5638, 54.7744, 74.7672 looks on a white background.

Color Contrast Check

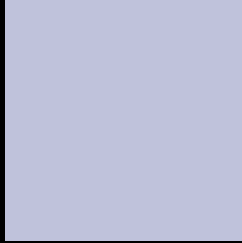
Large Text (above 18pt) WCAG AA × Fail

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 53.5638, 54.7744, 74.7672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

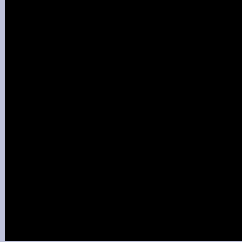
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5638, 54.7744, 74.7672

Background



This preview shows how black text looks on a background with the XYZ color 53.5638, 54.7744, 74.7672.



This preview shows how white text looks on a background with the XYZ color 53.5638, 54.7744,

74.7672.

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

53.5638, 54.7744, 74.7672

Protanopia

53.8162, 54.9045, 74.7790

Deuteranopia

55.9603, 54.6907, 75.3171



Tritanopia

52.5082, 54.6805, 69.4149

Trichromacy



Original Color

53.5638, 54.7744, 74.7672

Protanomaly

53.8162, 54.9045, 74.7790

Deuteranomaly

55.1023, 54.5710, 75.3392

Tritanomaly

52.8879, 54.8324, 71.4145

Monochromacy



Original Color

53.5638, 54.7744, 74.7672

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.6623, 54.8592, 64.9400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5638, 54.7744, 74.7672 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(191, 194, 219)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 194, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 194, 219) }
```

Border

The CSS property to change the border of an element to XYZ 53.5638, 54.7744, 74.7672 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(191, 194, 219) }
```


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

```
.border{ border-color:rgb(191, 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(191, 194, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 194, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 194, 219);  
box-shadow:4px 4px 4px 4px rgb(191, 194,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5638, 54.7744, 74.7672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 194, 219) }
```

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

```
.background{ background-color: rgb(191,  
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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