

Converting Colors

XYZ(52.9073, 53.9217, 73.4370)

Have a look what the booklet for
XYZ(52.9073, 53.9217, 73.4370)
contains.

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Color

**XYZ(52.8599, 53.7854,
73.2412)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC0D9
RGB	191, 192, 217
RGB Percent	75%, 75%, 85%
CMY	0.2510, 0.2470, 0.1490
CMYK	0.12, 0.12, 0.00, 0.15
HSL	238°, 25%, 80%
HSV	238°, 12%, 85%
XYZ	52.8599, 53.7854, 73.2412
YIQ	194.5510, -8.6210, 7.5630

Conversions

Conversions Part 2

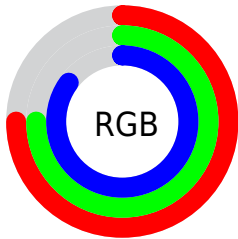
Format	Color
R_{YB}	191, 192, 217
Decimal	12566745
CIE _{Lab}	78.34, 4.56, -12.59
CIE _{LCh}	78, 13.389, 289.904
Yxy	53.7854, 0.2939, 0.2990
Android (android.graphics.Color)	4290756825 (0xFFBFC0D9)
YUV	194.5510, 11.0674, -3.1142
Hunter-Lab	73.3385, 0.3143, -7.8743

Details

The XYZ color **52.8599, 53.7854, 73.2412** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5754, 67.6247, 59.0462**, and the grayscale version is **51.5461, 54.2305, 59.0571**.

A 20% lighter version of the original color is **89.9752, 94.1290, 108.0342**, and **26.0707, 26.3922, 37.9026** is the 20% darker color. If you saturate the color by 10%, you get **43.5411, 42.6573, 71.5853**, and if you desaturate by 10%, it is **63.6398, 66.6335, 75.1538**.

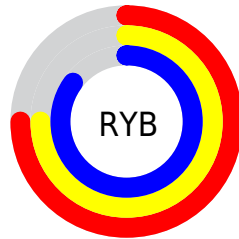
Distribution



Red (75%)

Green (75%)

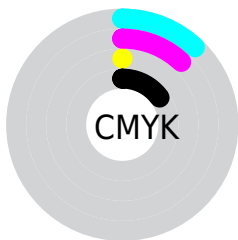
Blue (85%)



Red (75%)

Yellow (75%)

Blue (85%)

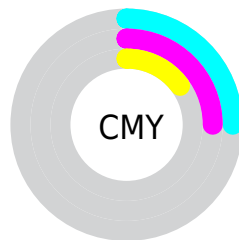


Cyan (12%)

Magenta (12%)

Yellow (0%)

Black (15%)



Cyan (25%)

Magenta (25%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8599, 53.7854, 73.2412 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 52.8599, 53.7854, 73.2412 by changing the saturation by 10% instead.

■ 52.8599, 53.7854,
73.2412

■ 52.8599, 53.7854,
73.2412

388.0170,
401.2911, 490.9435

■ 37.9180, 38.4301,
53.6802

■ 93.5649, 95.7591,
125.5437

■ 26.0960, 26.3167,
37.9546

120.0587,
123.1463, 159.1222

■ 17.0285, 17.0607,
25.6459

151.1339,
155.3129, 198.2103

■ 10.3502, 10.2778,
16.3355

187.1557,
192.6433, 243.2265

■ 5.6958, 5.5835,
9.6050

228.4896,
235.5220, 294.5894

■ 2.6999, 2.5935,
5.0357

275.5009,

■ 0.9971, 0.9234,

284.3332, 352.7175

2.2091

328.5549,
339.4615, 418.0294

■ 0.0000, 0.0000,
0.6796

■ 0.0000, 0.0000,
0.0000

■ 52.8599, 53.7854,
73.2412

■ 52.8599, 53.7854,
73.2412

■ 43.5411, 42.6573,
71.5853

■ 63.6398, 66.6335,
75.1538

■ 35.6160, 33.1700,
70.1717

■ 75.9349, 81.2632,
77.3296

■ 29.0191, 25.2477,
68.9903

■ 89.3955, 97.5317,
79.7603

■ 23.6777, 18.8065,
68.0285

■ 89.5245, 97.7898,
79.8033

■ 19.5120, 13.7543,
67.2729

■ 16.4335, 9.9889,
66.7084

■ 14.3405, 7.3940,
66.3178

■ 13.1126, 5.8321,
66.0810

■ 12.6153, 5.1914,
65.9836

Harmonies

Analogous

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



50.2413, 53.7854, 73.9865



52.8599, 53.7854, 73.2412



55.0824, 53.7854, 68.3805

Triad

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



52.8599, 53.7854, 73.2412



54.4433, 53.7854, 48.1821



46.3092, 53.7854, 56.0643

Complementary

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



52.8599, 53.7854, 73.2412



62.5754, 67.6247, 59.0462

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.



47.3550, 53.7854, 49.7335



52.8599, 53.7854, 73.2412



52.0118, 53.7854, 45.4476

Square

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



52.8599, 53.7854, 73.2412



56.0181, 53.7854, 53.7763



49.4215, 53.7854, 45.9901



46.5187, 53.7854, 63.6259

Rectangle

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



52.8599, 53.7854, 73.2412



56.0119, 53.7854, 63.6743



49.4215, 53.7854, 45.9901



46.5242, 53.7854, 53.7331

Sweetspot

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



52.8615, 53.7876, 73.2424



88.3473, 92.0183, 107.7126



58.6556, 65.6454, 74.3428



18.6486, 19.3844, 23.0086



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.



52.8615, 53.7876, 73.2424



73.1248, 73.8688, 105.0118



55.7032, 54.9270, 73.3125



12.3787, 12.6972, 16.4505



7.6542, 3.1778, 39.9484



0.5104, 0.2349, 2.5929

Inverse Universe

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



56.7618, 55.8204, 57.6545



79.6579, 77.2829, 78.8994



59.4775, 66.4101, 58.9750



13.0763, 13.0596, 13.6630



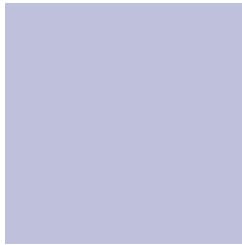
17.3588, 8.9446, 1.0035



1.1319, 0.5824, 0.1036

Previews

White Background



This preview shows how the XYZ color 52.8599, 53.7854, 73.2412 looks on a white background.

Color Contrast Check

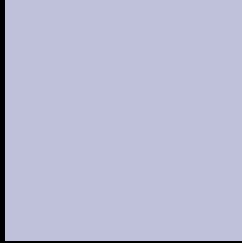
Large Text (above 18pt) WCAG AA × Fail

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 52.8599, 53.7854, 73.2412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

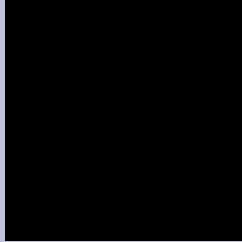
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8599, 53.7854, 73.2412

Background



This preview shows how black text looks on a background with the XYZ color 52.8599, 53.7854, 73.2412.



This preview shows how white text looks on a background with the XYZ color 52.8599, 53.7854,

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

52.8599, 53.7854, 73.2412

Protanopia

52.6092, 53.6562, 73.2295

Deuteranopia

54.9399, 53.8747, 73.8329



Tritanopia

51.8138, 53.6905, 67.9540

Trichromacy



Original Color

52.8599, 53.7854, 73.2412

Protanomaly

52.6092, 53.6562, 73.2295

Deuteranomaly

54.0943, 53.7592, 73.8552

Tritanomaly

52.1888, 53.8405, 69.9290

Monochromacy



Original Color

52.8599, 53.7854, 73.2412

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.3194, 54.3647, 64.2358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8599, 53.7854, 73.2412 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, 192, 217)` looks like.

```
.text, #text, p{  
    color:rgb(191, 192, 217)  
}
```

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, 192, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 192, 217) }
```

Border

The CSS property to change the border of an element to XYZ 52.8599, 53.7854, 73.2412 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, 192, 217) }
```


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

```
.border{ border-color:rgb(191, 192, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 192, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 192, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 192, 217);  
box-shadow:4px 4px 4px 4px rgb(191, 192,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8599, 53.7854, 73.2412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 192, 217) }
```

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

```
.background{ background-color: rgb(191,  
192, 217) }
```

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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