

Converting Colors

XYZ(53.9423, 53.7786, 73.6679)

Have a look what the booklet for
XYZ(53.9423, 53.7786, 73.6679)
contains.

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Color

**XYZ(53.8333, 53.6246,
73.8429)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BEDA
RGB	196, 190, 218
RGB Percent	77%, 75%, 85%
CMY	0.2314, 0.2549, 0.1451
CMYK	0.10, 0.13, 0.00, 0.15
HSL	253°, 27%, 80%
HSV	253°, 13%, 85%
XYZ	53.8333, 53.6246, 73.8429
YIQ	194.9860, -5.4120, 9.9800

Conversions

Conversions Part 2

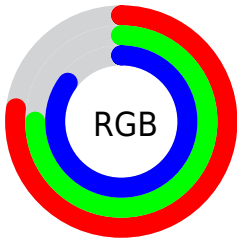
Format	Color
R _Y B	196, 190, 218
Decimal	12893914
CIE Lab	78.24, 7.47, -13.23
CIE LCh	78, 15.194, 299.458
Yxy	53.6246, 0.2969, 0.2958
Android (android.graphics.Color)	4291083994 (0xFFC4BEDA)
YUV	194.9860, 11.3459, 0.8893
Hunter-Lab	73.2288, 3.0717, -8.5270

Details

The XYZ color **53.8333, 53.6246, 73.8429** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.5189, 67.8589, 58.5734**, and the grayscale version is **51.8016, 54.4994, 59.3498**.

A 20% lighter version of the original color is **91.5138, 94.0142, 107.9310**, and **26.7118, 26.2864, 38.3163** is the 20% darker color. If you saturate the color by 10%, you get **45.2562, 42.7112, 72.1893**, and if you desaturate by 10%, it is **63.6286, 66.2172, 75.7581**.

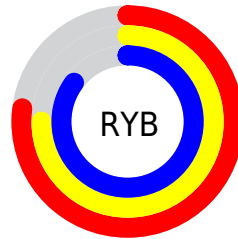
Distribution



Red (77%)

Green (75%)

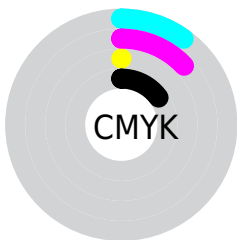
Blue (85%)



Red (77%)

Yellow (75%)

Blue (85%)

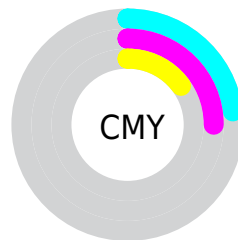


Cyan (10%)

Magenta (13%)

Yellow (0%)

Black (15%)



Cyan (23%)

Magenta (25%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8333, 53.6246, 73.8429 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 53.8333, 53.6246, 73.8429 by changing the saturation by 10% instead.

■ 53.8333, 53.6246,
73.8429

■ 53.8333, 53.6246,
73.8429

391.6827,
400.6769, 493.0799

■ 38.6985, 38.3016,
54.1695

■ 94.9878, 95.5228,
126.4051

■ 26.7050, 26.2169,
38.3431

121.7382,
122.8669, 160.1309

■ 17.4872, 16.9860,
25.9452

153.0912,
154.9867, 199.3779

■ 10.6799, 10.2245,
16.5572

189.4122,
192.2668, 244.5646

■ 5.9177, 5.5480,
9.7607

231.0665,
235.0914, 296.1097

■ 2.8353, 2.5723,
5.1371

278.4194,

■ 1.0673, 0.9127,

283.8450, 354.4315

2.2678

331.8364,
338.9121, 419.9488

■ 0.0000, 0.0000,
0.7131

■ 0.0000, 0.0000,
0.0000

■ 53.8333, 53.6246,
73.8429

■ 53.8333, 53.6246,
73.8429

■ 45.2562, 42.7112,
72.1893

■ 63.6286, 66.2172,
75.7581

■ 37.8443, 33.3990,
70.7825

■ 74.6827, 80.5491,
77.9418

■ 31.5474, 25.6137,
69.6117

■ 86.9112, 96.4275,
80.3621

■ 26.3102, 19.2727,
68.6638

■ 89.6550, 97.8420,
80.4905

■ 22.0720, 14.2851,
67.9244

■ 18.7662, 10.5497,
67.3777

■ 16.3170, 7.9507,
67.0051

■ 14.6359, 6.3496,
66.7847

■ 13.8136, 5.6593,
66.6948

Harmonies

Analogous

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



50.9145, 53.6246, 76.3463



53.8333, 53.6246, 73.8429



56.0548, 53.6246, 67.1136

Triad

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



53.8333, 53.6246, 73.8429



53.9306, 53.6246, 45.3866



45.4608, 53.6246, 58.2332

Complementary

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



53.8333, 53.6246, 73.8429



61.5189, 67.8589, 58.5734

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.



46.1998, 53.6246, 50.4537



53.8333, 53.6246, 73.8429



51.0227, 53.6246, 43.4929

Square

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



53.8333, 53.6246, 73.8429



56.1124, 53.6246, 50.6976



48.2073, 53.6246, 45.2557



46.1491, 53.6246, 66.8195

Rectangle

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



53.8333, 53.6246, 73.8429



56.8007, 53.6246, 61.4364



48.2073, 53.6246, 45.2557



45.5500, 53.6246, 55.4423

Sweetspot

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



53.8349, 53.6269, 73.8441



88.9944, 92.1753, 107.7088



57.5354, 63.2978, 75.5157



18.8117, 19.4240, 23.0077



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.



53.8349, 53.6269, 73.8441



73.8324, 72.7155, 104.7518



57.5346, 55.5341, 74.0172



12.5981, 12.7510, 16.4493



8.3498, 3.4287, 39.9601



0.6143, 0.2599, 2.5922

Inverse Universe

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



59.2123, 56.4881, 70.0722



82.7470, 77.4603, 98.4288



57.7616, 65.9220, 58.3976



13.4887, 13.2246, 15.8348



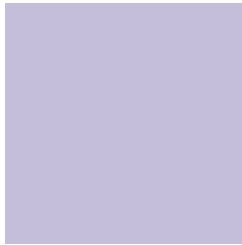
21.7841, 10.7147, 24.3071



1.4417, 0.7063, 1.7348

Previews

White Background



This preview shows how the XYZ color 53.8333, 53.6246, 73.8429 looks on a white background.

Color Contrast Check

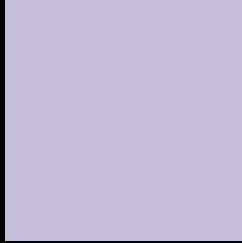
Large Text (above 18pt) WCAG AA × Fail

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 53.8333, 53.6246, 73.8429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

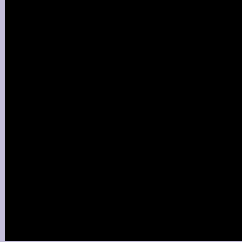
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8333, 53.6246, 73.8429

Background



This preview shows how black text looks on a background with the XYZ color 53.8333, 53.6246, 73.8429.



This preview shows how white text looks on a background with the XYZ color 53.8333, 53.6246,

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

53.8333, 53.6246, 73.8429

Protanopia

52.6221, 53.6326, 74.5965

Deuteranopia

54.7255, 53.4459, 73.7614



Tritanopia

52.3603, 53.6736, 66.6318

Trichromacy



Original Color

53.8333, 53.6246, 73.8429

Protanomaly

53.1552, 53.5825, 74.5587

Deuteranomaly

54.4057, 53.5993, 73.8079

Tritanomaly

52.8944, 53.5669, 69.1796

Monochromacy



Original Color

53.8333, 53.6246, 73.8429

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.3551, 54.0538, 64.1739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8333, 53.6246, 73.8429 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(196, 190, 218)` looks like.

```
.text, #text, p{  
    color:rgb(196, 190, 218)  
}
```

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(196, 190, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 190, 218) }
```

Border

The CSS property to change the border of an element to XYZ 53.8333, 53.6246, 73.8429 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(196, 190, 218) }
```


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

```
.border{ border-color:rgb(196, 190, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 190, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 190, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 190, 218);  
box-shadow:4px 4px 4px 4px rgb(196, 190,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8333, 53.6246, 73.8429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 190, 218) }
```

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

```
.background{ background-color: rgb(196,  
190, 218) }
```

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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