

Converting Colors

XYZ(53.8846, 50.8671, 75.4832)

Have a look what the booklet for
XYZ(53.8846, 50.8671, 75.4832)
contains.

XYZ(53.9321, 50.8248, 75.3742)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.9321, 50.8248,
75.3742)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB5DD
RGB	202, 181, 221
RGB Percent	79%, 71%, 87%
CMY	0.2078, 0.2902, 0.1333
CMYK	0.09, 0.18, 0.00, 0.13
HSL	271°, 37%, 79%
HSV	271°, 18%, 87%
XYZ	53.9321, 50.8248, 75.3742
YIQ	191.8390, -0.3240, 16.8920

Conversions

Conversions Part 2

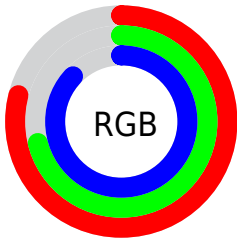
Format	Color
R_{YB}	202, 181, 221
Decimal	13284829
CIE _{Lab}	76.57, 14.92, -17.31
CIE _{LCh}	77, 22.857, 310.754
Yxy	50.8248, 0.2994, 0.2822
Android (android.graphics.Color)	4291474909 (0xFFCAB5DD)
YUV	191.8390, 14.3764, 8.9112
Hunter-Lab	71.2915, 10.2753, -12.7813

Details

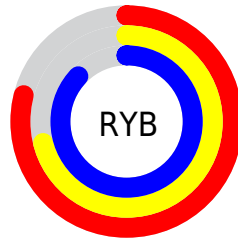
The XYZ color **53.9321, 50.8248, 75.3742** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **58.0182, 67.3298, 53.6567**, and the grayscale version is **49.9293, 52.5295, 57.2047**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **26.8148, 24.4874, 39.3896** is the 20% darker color. If you saturate the color by 10%, you get **47.0457, 41.1257, 73.8658**, and if you desaturate by 10%, it is **61.7277, 62.0534, 77.1314**.

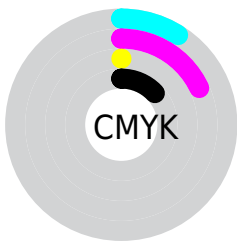
Distribution



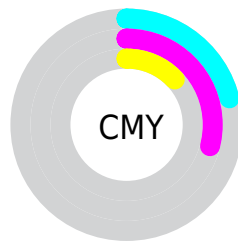
- Red (79%)
- Green (71%)
- Blue (87%)



- Red (79%)
- Yellow (71%)
- Blue (87%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9321, 50.8248, 75.3742 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 53.9321, 50.8248, 75.3742 by changing the saturation by 10% instead.

■ 53.9321, 50.8248,
75.3742

■ 53.9321, 50.8248,
75.3742

392.0536,
389.8827, 498.4925

■ 38.7778, 36.0692,
55.4159

■ 95.1320, 91.3957,
128.5939

■ 26.7669, 24.4876,
39.3340

121.9084,
117.9799, 162.6924

■ 17.5339, 15.6957,
26.7098

153.2895,
149.2756, 202.3414

■ 10.7135, 9.3091,
17.1249

189.6407,
185.6674, 247.9594

■ 5.9404, 4.9434,
10.1607

231.3274,
227.5396, 299.9649

■ 2.8492, 2.2141,
5.3986

278.7148,

■ 1.0745, 0.7276,

275.2766, 358.7766

2.4202

332.1685,
329.2629, 424.8129

■ 0.0036, 0.0000,
0.7974

■ 0.0000, 0.0000,
0.0000

■ 53.9321, 50.8248,
75.3742

■ 53.9321, 50.8248,
75.3742

■ 47.0457, 41.1257,
73.8658

■ 61.7277, 62.0534,
77.1314

■ 41.0264, 32.8807,
72.5916

■ 70.4627, 74.8695,
79.1448

■ 35.8357, 26.0173,
71.5404

■ 80.1719, 89.3360,
81.4254

■ 31.4299, 20.4544,
70.6989

■ 86.1176, 95.9726,
82.3930

■ 27.7609, 16.1019,
70.0522

■ 89.8649, 97.9044,
82.5684

■ 24.7743, 12.8576,
69.5834

■ 90.0513, 98.0005,
82.5771

■ 22.4070, 10.6020,
69.2728

■ 20.5703, 9.1644,
69.0921

■ 20.2562, 8.9348,
69.0643

Harmonies

Analogous

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



49.8731, 50.8248, 82.1377



53.9321, 50.8248, 75.3742



56.5767, 50.8248, 63.5521

Triad

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



53.9321, 50.8248, 75.3742



51.0958, 50.8248, 35.7911



40.6020, 50.8248, 59.8956

Complementary

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



53.9321, 50.8248, 75.3742



58.0182, 67.3298, 53.6567

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.



40.8860, 50.8248, 47.8669



53.9321, 50.8248, 75.3742



46.7749, 50.8248, 35.1140

Square

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



53.9321, 50.8248, 75.3742



54.8729, 50.8248, 41.2245



43.0881, 50.8248, 39.2125



42.2877, 50.8248, 72.3568

Rectangle

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



53.9321, 50.8248, 75.3742



57.0929, 50.8248, 55.0272



43.0881, 50.8248, 39.2125



40.4729, 50.8248, 55.6532

Sweetspot

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



53.9337, 50.8269, 75.3753



88.9233, 91.0025, 107.4862



52.8407, 56.5093, 76.5297



18.8547, 19.2174, 22.9655



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.



53.9337, 50.8269, 75.3753



70.5567, 64.5723, 103.3527



59.3066, 53.6070, 75.1640



12.9878, 12.9518, 16.4676



11.8989, 5.2583, 40.1262



0.8701, 0.3918, 2.6042

Inverse Universe

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



56.7698, 52.5923, 61.8054



75.3061, 67.5271, 80.6926



53.3234, 64.9016, 53.7949



13.3123, 13.1540, 14.9058



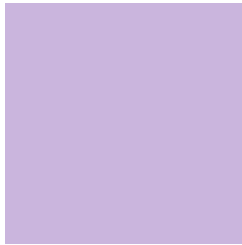
18.8593, 9.5448, 8.9051



1.2651, 0.6357, 0.8052

Previews

White Background



This preview shows how the XYZ color 53.9321, 50.8248, 75.3742 looks on a white background.

Color Contrast Check

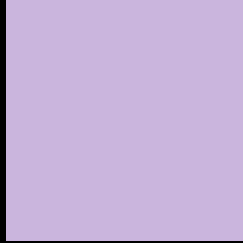
Large Text (above 18pt) WCAG AA × Fail

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 53.9321, 50.8248, 75.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

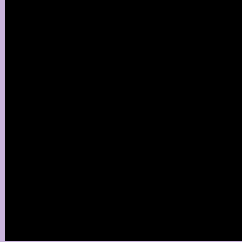
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9321, 50.8248, 75.3742

Background



This preview shows how black text looks on a background with the XYZ color 53.9321, 50.8248, 75.3742.



This preview shows how white text looks on a background with the XYZ color 53.9321, 50.8248,

75.3742.

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

53.9321, 50.8248, 75.3742

Protanopia

50.4170, 50.8006, 78.3824

Deuteranopia

51.7970, 50.6548, 74.7575



Tritanopia

51.2110, 50.9636, 61.1707

Trichromacy



Original Color

53.9321, 50.8248, 75.3742

Protanomaly

51.7898, 50.8986, 77.6158

Deuteranomaly

52.6167, 50.7700, 74.7365

Tritanomaly

52.2224, 51.0653, 66.1357

Monochromacy



Original Color

53.9321, 50.8248, 75.3742

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.5277, 52.0140, 63.8238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9321, 50.8248, 75.3742 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(202, 181, 221)` looks like.

```
.text, #text, p{  
    color:rgb(202, 181, 221)  
}
```

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(202, 181, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 181, 221) }
```

Border

The CSS property to change the border of an element to XYZ 53.9321, 50.8248, 75.3742 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(202, 181, 221) }
```


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

```
.border{ border-color:rgb(202, 181, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 181, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 181, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 181, 221);  
box-shadow:4px 4px 4px 4px rgb(202, 181,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9321, 50.8248, 75.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 181, 221) }
```

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

```
.background{ background-color: rgb(202,  
181, 221) }
```

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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