

Converting Colors

XYZ(53.0735, 52.6532, 78.1716)

Have a look what the booklet for
XYZ(53.0735, 52.6532, 78.1716)
contains.

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Color

**XYZ(53.1380, 52.8534,
77.9221)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBDE0
RGB	191, 189, 224
RGB Percent	75%, 74%, 88%
CMY	0.2510, 0.2588, 0.1216
CMYK	0.15, 0.16, 0.00, 0.12
HSL	243°, 36%, 81%
HSV	243°, 16%, 88%
XYZ	53.1380, 52.8534, 77.9221
YIQ	193.5880, -10.0430, 11.3090

Conversions

Conversions Part 2

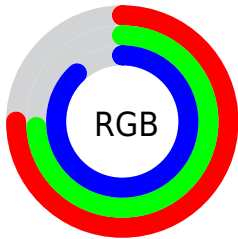
Format	Color
R _Y B	191, 189, 224
Decimal	12565984
CIE Lab	77.79, 7.64, -17.19
CIE LCh	78, 18.812, 293.963
Yxy	52.8534, 0.2889, 0.2874
Android (android.graphics.Color)	4290756064 (0xFFBFBDE0)
YUV	193.5880, 14.9931, -2.2697
Hunter-Lab	72.7003, 3.2433, -12.6583

Details

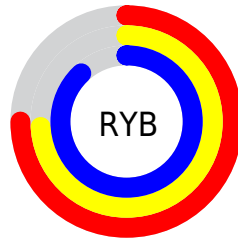
The XYZ color **53.1380, 52.8534, 77.9221** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.9671, 72.5165, 58.6668**, and the grayscale version is **50.9547, 53.6083, 58.3795**.

A 20% lighter version of the original color is **89.4138, 92.4813, 107.7458**, and **26.2821, 25.7913, 41.1291** is the 20% darker color. If you saturate the color by 10%, you get **43.7528, 41.4073, 76.2083**, and if you desaturate by 10%, it is **64.0366, 66.1871, 79.9222**.

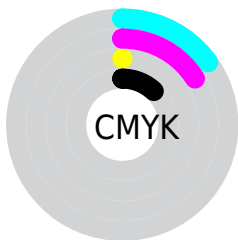
Distribution



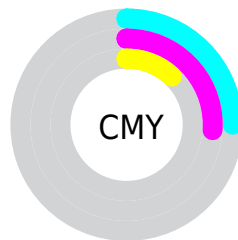
- Red (75%)
- Green (74%)
- Blue (88%)



- Red (75%)
- Yellow (74%)
- Blue (88%)



- Cyan (15%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (25%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1380, 52.8534, 77.9221 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 53.1380, 52.8534, 77.9221 by changing the saturation by 10% instead.

■ 53.1380, 52.8534,
77.9221

■ 53.1380, 52.8534,
77.9221

389.0665,
397.7224, 507.4231

■ 38.1409, 37.6858,
57.4939

■ 93.9717, 94.3886,
132.2252

■ 26.2697, 25.7389,
40.9899

120.5390,
121.5250, 166.9371

■ 17.1593, 16.6284,
27.9916

151.6938,
153.4197, 207.2475

■ 10.4441, 9.9699,
18.0803

187.8013,
190.4571, 253.5747

■ 5.7589, 5.3790,
10.8376

229.2270,
233.0218, 306.3373

■ 2.7383, 2.4713,
5.8450

276.3362,

■ 1.0169, 0.8622,

281.4979, 365.9539

2.6838

329.4943,
336.2700, 432.8430

■ 0.0000, 0.0000,
0.9352

■ 0.0000, 0.0000,
0.0000

■ 53.1380, 52.8534,
77.9221

■ 53.1380, 52.8534,
77.9221

■ 43.7528, 41.4073,
76.2083

■ 64.0366, 66.1871,
79.9222

■ 35.8094, 31.7572,
74.7643

■ 76.5063, 81.4812,
82.2170

■ 29.2379, 23.8140,
73.5774

■ 90.2220, 98.0419,
84.6907

■ 23.9603, 17.4782,
72.6327

■ 90.4547, 98.1619,
84.7016

■ 19.8911, 12.6400,
71.9133

■ 16.9343, 9.1759,
71.4005

■ 14.9793, 6.9428,
71.0725

■ 13.8927, 5.7656,
70.9025

■ 13.6176, 5.4658,
70.8592

Harmonies

Analogous

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



49.5016, 52.8534, 79.9213



53.1380, 52.8534, 77.9221



56.1226, 52.8534, 70.1915

Triad

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



53.1380, 52.8534, 77.9221



54.4753, 52.8534, 42.7872



43.5793, 52.8534, 55.4617

Complementary

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



53.1380, 52.8534, 77.9221



65.9671, 72.5165, 58.6668

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.



44.7754, 52.8534, 46.5226



53.1380, 52.8534, 77.9221



50.9768, 52.8534, 39.7968

Square

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



53.1380, 52.8534, 77.9221



56.9204, 52.8534, 49.7705



47.4408, 52.8534, 41.0769



44.0957, 52.8534, 66.0971

Rectangle

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



53.1380, 52.8534, 77.9221



57.2815, 52.8534, 63.2772



47.4408, 52.8534, 41.0769



43.7925, 52.8534, 52.1762

Sweetspot

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



53.1396, 52.8556, 77.9233



86.8311, 89.9239, 107.3883



60.6302, 68.5775, 80.5631



18.3474, 18.9559, 22.9418



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.



53.1396, 52.8556, 77.9233



66.6378, 65.2293, 103.6861



57.7368, 55.2255, 78.1384



13.0241, 13.2804, 17.2646



7.9572, 3.1974, 41.2461



0.5775, 0.2350, 2.8602

Inverse Universe

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



62.1247, 57.5187, 76.9377



81.0518, 72.7111, 102.0531



60.9505, 69.9303, 58.4321



14.2595, 13.9214, 17.1365



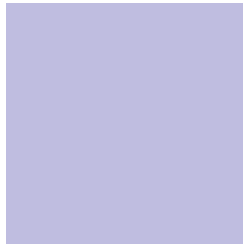
24.7676, 11.9740, 37.0373



1.7272, 0.8342, 2.6222

Previews

White Background



This preview shows how the XYZ color 53.1380, 52.8534, 77.9221 looks on a white background.

Color Contrast Check

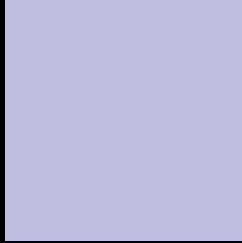
Large Text (above 18pt) WCAG AA × Fail

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 53.1380, 52.8534, 77.9221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

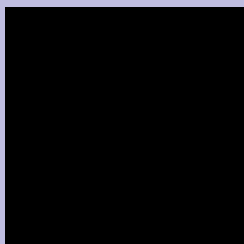
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1380, 52.8534, 77.9221

Background



This preview shows how black text looks on a background with the XYZ color 53.1380, 52.8534, 77.9221.



This preview shows how white text looks on a background with the XYZ color 53.1380, 52.8534,

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

53.1380, 52.8534, 77.9221

Protanopia

52.4711, 53.1369, 78.7251

Deuteranopia

53.9434, 52.9504, 77.8983



Tritanopia

50.8512, 52.8956, 66.5612

Trichromacy



Original Color

53.1380, 52.8534, 77.9221

Protanomaly

52.7431, 52.9545, 78.6755

Deuteranomaly

53.6859, 52.8176, 77.8863

Tritanomaly

51.6273, 52.8845, 70.4375

Monochromacy



Original Color

53.1380, 52.8534, 77.9221

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.8614, 53.4445, 65.3400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1380, 52.8534, 77.9221 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, 189, 224)` looks like.

```
.text, #text, p{  
    color:rgb(191, 189, 224)  
}
```

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, 189, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 189, 224) }
```

Border

The CSS property to change the border of an element to XYZ 53.1380, 52.8534, 77.9221 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, 189, 224) }
```


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

```
.border{ border-color:rgb(191, 189, 224) }
```

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

Here you see how a box with a 4 pixel rgb(191, 189, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 189, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 189, 224);  
box-shadow:4px 4px 4px 4px rgb(191, 189,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1380, 52.8534, 77.9221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 189, 224) }
```

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

```
.background{ background-color: rgb(191,  
189, 224) }
```

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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