

Converting Colors

XYZ(53.0234, 53.3578, 81.6332)

Have a look what the booklet for
XYZ(53.0234, 53.3578, 81.6332)
contains.

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Color

**XYZ(53.0234, 53.3578,
81.6332)**

Conversions

Conversions Part 1

Format	Color
Hex	BABFE5
RGB	186, 191, 229
RGB Percent	73%, 75%, 90%
CMY	0.2706, 0.2510, 0.1020
CMYK	0.19, 0.17, 0.00, 0.10
HSL	233°, 45%, 81%
HSV	233°, 19%, 90%
XYZ	53.0234, 53.3578, 81.6332
YIQ	193.8370, -15.1780, 10.7580

Conversions

Conversions Part 2

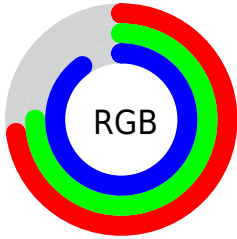
Format	Color
RYB	186, 190, 229
Decimal	12238821
CIELab	78.09, 6.06, -19.47
CIElCh	78, 20.395, 287.291
Yxy	53.3578, 0.2820, 0.2838
Android (android.graphics.Color)	4290428901 (0xFFBABFE5)
YUV	193.8370, 17.3354, -6.8730
Hunter-Lab	73.0464, 1.7395, -15.1272

Details

The XYZ color **53.0234, 53.3578, 81.6332** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.8324, 73.5148, 57.0705**, and the grayscale version is **51.0904, 53.7510, 58.5349**.

A 20% lighter version of the original color is **87.9287, 92.6188, 107.8506**, and **26.1470, 26.0996, 43.1948** is the 20% darker color. If you saturate the color by 10%, you get **43.7873, 42.4926, 80.0237**, and if you desaturate by 10%, it is **63.7641, 65.9065, 83.4901**.

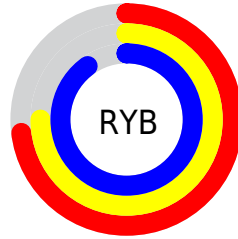
Distribution



Red (73%)

Green (75%)

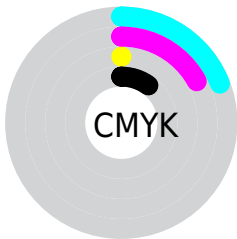
Blue (90%)



Red (73%)

Yellow (75%)

Blue (90%)

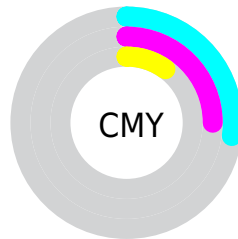


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (10%)



Cyan (27%)

Magenta (25%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0234, 53.3578, 81.6332 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 53.0234, 53.3578, 81.6332 by changing the saturation by 10% instead.

■ 53.0234, 53.3578,
81.6332

■ 53.0234, 53.3578,
81.6332

388.6343,
399.6563, 520.2711

■ 38.0490, 38.0885,
60.5292

■ 93.8041, 95.1307,
137.4916

■ 26.1981, 26.0514,
43.4172

120.3412,
122.4030, 173.0830

■ 17.1054, 16.8621,
29.8788

151.4631,
154.4451, 214.3407

■ 10.4054, 10.1362,
19.4953

187.5354,
191.6414, 261.6831

■ 5.7329, 5.4894,
11.8483

228.9233,
234.3763, 315.5288

■ 2.7225, 2.5371,
6.5192

275.9921,

■ 1.0088, 0.8952,

283.0341, 376.2963

3.0894

329.1074,
337.9994, 444.4043

■ 0.0000, 0.0000,
1.1405

■ 0.0000, 0.0000,
0.0000

■ 53.0234, 53.3578,
81.6332

■ 53.0234, 53.3578,
81.6332

■ 43.7873, 42.4926,
80.0237

■ 63.7641, 65.9065,
83.4901

■ 35.9836, 33.2328,
78.6476

■ 76.0675, 80.1993,
85.6005

■ 29.5417, 25.5037,
77.4953

■ 89.9944, 96.3021,
87.9746

■ 24.3826, 19.2225,
76.5548

■ 91.1430, 98.4372,
88.3261

■ 20.4196, 14.2980,
75.8132

■ 17.5548, 10.6288,
75.2559

■ 15.6744, 8.0988,
74.8667

■ 14.6202, 6.5595,
74.6252

■ 14.5266, 6.4245,
74.6040

Harmonies

Analogous

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



49.0502, 53.3578, 82.2034



53.0234, 53.3578, 81.6332



56.5478, 53.3578, 74.2646

Triad

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



53.0234, 53.3578, 81.6332



56.0839, 53.3578, 43.4371



43.6110, 53.3578, 53.4087

Complementary

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



53.0234, 53.3578, 81.6332



67.8324, 73.5148, 57.0705

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.



45.2977, 53.3578, 44.4656



53.0234, 53.3578, 81.6332



52.4170, 53.3578, 39.2354

Square

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



53.0234, 53.3578, 81.6332



58.3772, 53.3578, 51.8247



48.4746, 53.3578, 39.5855



43.7544, 53.3578, 64.8573

Rectangle

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



53.0234, 53.3578, 81.6332



58.1060, 53.3578, 66.9746



48.4746, 53.3578, 39.5855



43.9789, 53.3578, 50.0418

Sweetspot

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



53.0251, 53.3600, 81.6344



85.4809, 88.8877, 107.2595



61.7225, 71.8597, 81.1273



18.0830, 18.7774, 22.9213



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.



53.0251, 53.3600, 81.6344



62.3026, 61.7957, 103.2518



56.1912, 53.4006, 81.4754



13.7172, 14.1557, 18.1537



8.3500, 3.7621, 42.6692



0.6619, 0.3678, 3.1681

Inverse Universe

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



59.2774, 55.5389, 56.8883



71.8589, 65.2179, 65.4082



64.1840, 73.6588, 57.2906



14.4448, 14.3951, 15.2769



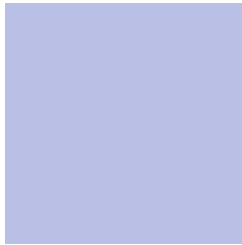
18.6082, 9.5775, 1.5658



1.3977, 0.7168, 0.2350

Previews

White Background



This preview shows how the XYZ color 53.0234, 53.3578, 81.6332 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 53.0234, 53.3578, 81.6332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

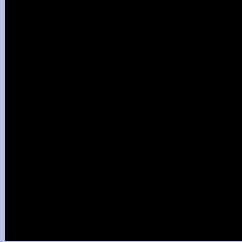
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0234, 53.3578, 81.6332

Background



This preview shows how black text looks on a background with the XYZ color 53.0234, 53.3578, 81.6332.



This preview shows how white text looks on a background with the XYZ color 53.0234, 53.3578,

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

53.0234, 53.3578, 81.6332

Protanopia

52.7812, 53.2330, 81.6219

Deuteranopia

54.5143, 53.1489, 82.2485



Tritanopia

50.2160, 53.1818, 68.5912

Trichromacy



Original Color

53.0234, 53.3578, 81.6332

Protanomaly

52.7812, 53.2330, 81.6219

Deuteranomaly

53.9664, 53.1847, 82.2843

Tritanomaly

51.1228, 53.2170, 73.2231

Monochromacy



Original Color

53.0234, 53.3578, 81.6332

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.8183, 53.7213, 66.6696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0234, 53.3578, 81.6332 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(186, 191, 229)` looks like.

```
.text, #text, p{  
    color:rgb(186, 191, 229)  
}
```

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(186, 191, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 191, 229) }
```

Border

The CSS property to change the border of an element to XYZ 53.0234, 53.3578, 81.6332 is called "border". The border property can be set on classes, ids or directly on the HTML element.

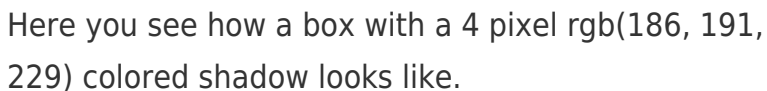
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 191, 229) }
```


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

```
.border{ border-color:rgb(186, 191, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 191, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 191, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 191, 229); box-shadow:4px 4px 4px 4px rgb(186, 191, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0234, 53.3578, 81.6332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 191, 229) }
```

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

```
.background{ background-color: rgb(186,  
191, 229) }
```

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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