

Converting Colors

XYZ(53.3822, 52.1696, 76.1341)

Have a look what the booklet for
XYZ(53.3822, 52.1696, 76.1341)
contains.

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Color

**XYZ(53.2494, 51.9938,
76.3365)**

Conversions

Conversions Part 1

Format	Color
Hex	C3BADE
RGB	195, 186, 222
RGB Percent	76%, 73%, 87%
CMY	0.2353, 0.2706, 0.1294
CMYK	0.12, 0.16, 0.00, 0.13
HSL	255°, 35%, 80%
HSV	255°, 16%, 87%
XYZ	53.2494, 51.9938, 76.3365
YIQ	192.7950, -6.1920, 13.1040

Conversions

Conversions Part 2

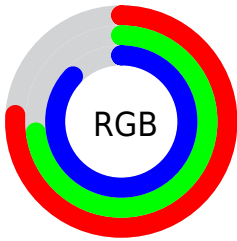
Format	Color
R_{YB}	195, 186, 222
Decimal	12827358
CIE _{Lab}	77.28, 10.13, -16.85
CIE _{LCh}	77, 19.661, 301.017
Yxy	51.9938, 0.2933, 0.2863
Android (android.graphics.Color)	4291017438 (0xFFC3BADE)
YUV	192.7950, 14.3981, 1.9338
Hunter-Lab	72.1067, 5.6320, -12.2932

Details

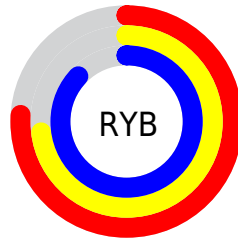
The XYZ color **53.2494, 51.9938, 76.3365** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.4265, 69.9352, 56.6654**, and the grayscale version is **50.4903, 53.1197, 57.8474**.

A 20% lighter version of the original color is **89.9470, 91.4197, 107.5128**, and **26.3471, 25.2278, 40.0400** is the 20% darker color. If you saturate the color by 10%, you get **44.8662, 41.2614, 74.7076**, and if you desaturate by 10%, it is **62.8422, 64.4310, 78.2323**.

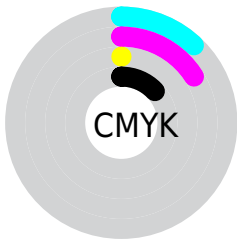
Distribution



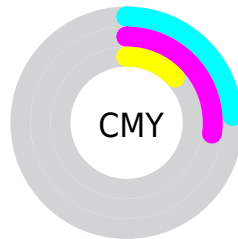
- Red (76%)
- Green (73%)
- Blue (87%)



- Red (76%)
- Yellow (73%)
- Blue (87%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2494, 51.9938, 76.3365 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 53.2494, 51.9938, 76.3365 by changing the saturation by 10% instead.

■ 53.2494, 51.9938,
76.3365

■ 53.2494, 51.9938,
76.3365

389.4865,
394.4127, 501.8763

■ 38.2302, 37.0001,
56.2002

■ 94.1346, 93.1221,
129.9669

■ 26.3394, 25.2076,
39.9584

120.7313,
120.0255, 164.2980

■ 17.2117, 16.2318,
27.1925

151.9179,
151.6676, 204.1979

■ 10.4818, 9.6883,
17.4842

188.0597,
188.4329, 250.0849

■ 5.7843, 5.1928,
10.4147

229.5222,
230.7056, 302.3778

■ 2.7538, 2.3608,
5.5656

276.6705,

■ 1.0249, 0.8056,

278.8702, 361.4949

2.5183

329.8702,
333.3111, 427.8549

■ 0.0000, 0.0000,
0.8498

■ 0.0000, 0.0000,
0.0000

■ 53.2494, 51.9938,
76.3365

■ 53.2494, 51.9938,
76.3365

■ 44.8662, 41.2614,
74.7076

■ 62.8422, 64.4310,
78.2323

■ 37.6386, 32.1524,
73.3303

■ 73.6859, 78.6368,
80.4028

■ 31.5157, 24.5882,
72.1930

■ 85.8260, 94.6795,
82.8595

■ 26.4406, 18.4812,
71.2817

■ 90.1850, 98.0540,
83.2811

■ 22.3513, 13.7348,
70.5811

■ 19.1785, 10.2404,
70.0738

■ 16.8432, 7.8720,
69.7398

■ 15.2499, 6.4739,
69.5539

■ 14.7876, 6.1002,
69.5061

Harmonies

Analogous

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



49.5474, 51.9938, 80.0137



53.2494, 51.9938, 76.3365



56.0358, 51.9938, 67.2810

Triad

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



53.2494, 51.9938, 76.3365



53.0154, 51.9938, 40.3224



42.5183, 51.9938, 56.9819

Complementary

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



53.2494, 51.9938, 76.3365



62.4265, 69.9352, 56.6654

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.



43.3439, 51.9938, 47.1358



53.2494, 51.9938, 76.3365



49.2899, 51.9938, 38.2864

Square

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



53.2494, 51.9938, 76.3365



55.8959, 51.9938, 46.5729



45.7760, 51.9938, 40.6171



43.4620, 51.9938, 68.0000

Rectangle

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



53.2494, 51.9938, 76.3365



56.9311, 51.9938, 59.9166



45.7760, 51.9938, 40.6171



42.5978, 51.9938, 53.4320

Sweetspot

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



53.2510, 51.9960, 76.3377



87.6854, 90.3644, 107.4283



57.3816, 63.6055, 78.3608



18.5543, 19.0625, 22.9515



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.



53.2510, 51.9960, 76.3377



69.3654, 66.6354, 103.8137



58.0122, 54.4505, 76.5605



13.2715, 13.4080, 17.2762



8.8694, 3.6677, 41.2888



0.6960, 0.2961, 2.8657

Inverse Universe

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



59.6950, 55.4536, 70.5104



79.6049, 72.1323, 94.4337



57.6469, 67.4712, 56.4417



14.1410, 13.8740, 16.5125



22.0559, 10.8894, 22.7582



1.5639, 0.7688, 1.7623

Previews

White Background



This preview shows how the XYZ color 53.2494, 51.9938, 76.3365 looks on a white background.

Color Contrast Check

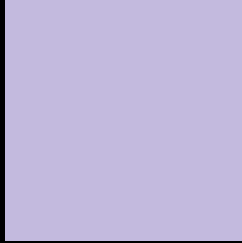
Large Text (above 18pt) WCAG AA × Fail

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 53.2494, 51.9938, 76.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

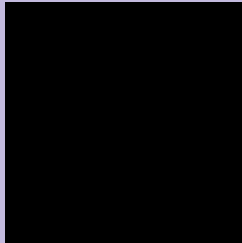
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2494, 51.9938, 76.3365

Background



This preview shows how black text looks on a background with the XYZ color 53.2494, 51.9938, 76.3365.



This preview shows how white text looks on a background with the XYZ color 53.2494, 51.9938,

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

53.2494, 51.9938, 76.3365

Protanopia

51.4193, 51.9674, 77.8416

Deuteranopia

52.9919, 51.8611, 76.3245



Tritanopia

50.8349, 51.9613, 64.4770

Trichromacy



Original Color

53.2494, 51.9938, 76.3365

Protanomaly

52.0415, 51.9855, 77.1034

Deuteranomaly

52.9919, 51.8611, 76.3245

Tritanomaly

51.7334, 52.0070, 68.9397

Monochromacy



Original Color

53.2494, 51.9938, 76.3365

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.5607, 52.6559, 64.5728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2494, 51.9938, 76.3365 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(195, 186, 222)` looks like.

```
.text, #text, p{  
    color:rgb(195, 186, 222)  
}
```

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(195, 186, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 186, 222) }
```

Border

The CSS property to change the border of an element to XYZ 53.2494, 51.9938, 76.3365 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(195, 186, 222) }
```


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

```
.border{ border-color:rgb(195, 186, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 186, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 186, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 186, 222);  
box-shadow:4px 4px 4px 4px rgb(195, 186,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2494, 51.9938, 76.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 186, 222) }
```

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

```
.background{ background-color: rgb(195,  
186, 222) }
```

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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