

Converting Colors

XYZ(53.2758, 50.3591, 97.5663)

Have a look what the booklet for
XYZ(53.2758, 50.3591, 97.5663)
contains.

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Color

**XYZ(53.2747, 50.3031,
97.3441)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B6FA
RGB	182, 182, 250
RGB Percent	71%, 71%, 98%
CMY	0.2863, 0.2863, 0.0196
CMYK	0.27, 0.27, 0.00, 0.02
HSL	240°, 87%, 85%
HSV	240°, 27%, 98%
XYZ	53.2747, 50.3031, 97.3441
YIQ	189.7520, -21.8280, 21.1480

Conversions

Conversions Part 2

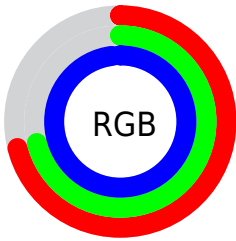
Format	Color
R_{YB}	182, 182, 250
Decimal	11974394
CIE _{Lab}	76.25, 14.60, -33.61
CIE _{LCh}	76, 36.645, 293.484
Yxy	50.3031, 0.2652, 0.2504
Android (android.graphics.Color)	4290164474 (0xFFB6B6FA)
YUV	189.7520, 29.7023, -6.7985
Hunter-Lab	70.9247, 9.9612, -31.7282

Details

The XYZ color **53.2747, 50.3031, 97.3441** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.0544, 92.0734, 57.7050**, and the grayscale version is **48.6460, 51.1793, 55.7343**.

A 20% lighter version of the original color is **84.2211, 86.7198, 106.9074**, and **26.2283, 24.0628, 53.7143** is the 20% darker color. If you saturate the color by 10%, you get **43.2183, 38.1858, 95.5361**, and if you desaturate by 10%, it is **65.3023, 64.7955, 99.5084**.

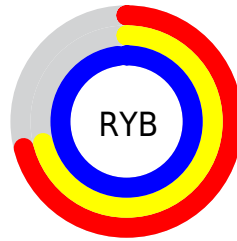
Distribution



Red (71%)

Green (71%)

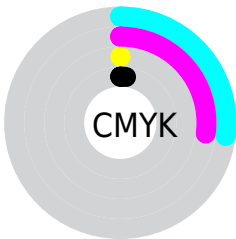
Blue (98%)



Red (71%)

Yellow (71%)

Blue (98%)

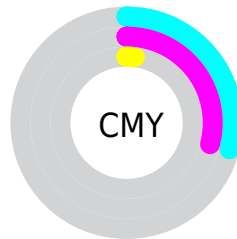


Cyan (27%)

Magenta (27%)

Yellow (0%)

Black (2%)



Cyan (29%)

Magenta (29%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2747, 50.3031, 97.3441 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 53.2747, 50.3031, 97.3441 by changing the saturation by 10% instead.

■ 53.2747, 50.3031,
97.3441

■ 53.2747, 50.3031,
97.3441

389.5818,
387.8501, 572.8174

■ 38.2505, 35.6543,
73.4799

■ 94.1716, 90.6238,
159.5224

■ 26.3552, 24.1673,
53.8742

120.7750,
117.0645, 198.6737

■ 17.2237, 15.4578,
38.1086

151.9688,
148.2046, 243.7576

■ 10.4904, 9.1413,
25.7645

188.1184,
184.4285, 295.1928

■ 5.7900, 4.8335,
16.4234

229.5892,
226.1206, 353.3979

■ 2.7573, 2.1499,
9.6666

276.7464,

■ 1.0267, 0.6925,

273.6653, 418.7913

5.0758

329.9555,
327.4470, 491.7916

■ 0.0000, 0.0000,
2.2323

■ 0.0000, 0.0000,
0.6929

■ 53.2747, 50.3031,
97.3441

■ 53.2747, 50.3031,
97.3441

■ 43.2183, 38.1858,
95.5361

■ 65.3023, 64.7955,
99.5084

■ 35.0235, 28.3115,
94.0621

■ 79.3930, 81.7739,
102.0429

■ 28.5773, 20.5443,
92.9026

■ 94.2555, 99.6822,
104.7162

■ 23.7530, 14.7313,
92.0349

■ 20.4063, 10.6988,
91.4329

■ 18.3678, 8.2425,
91.0663

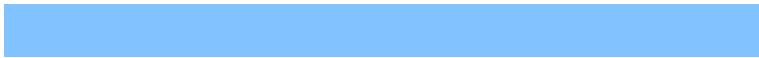
■ 17.4192, 7.0994,
90.8956

■ 17.2555, 6.9022,
90.8662

Harmonies

Analogous

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



46.3273, 50.3031, 101.6479



53.2747, 50.3031, 97.3441



59.2410, 50.3031, 80.5261

Triad

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



53.2747, 50.3031, 97.3441



56.1160, 50.3031, 29.6331



35.8447, 50.3031, 50.5872

Complementary

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



53.2747, 50.3031, 97.3441



82.0544, 92.0734, 57.7050

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.



37.9558, 50.3031, 35.1929



53.2747, 50.3031, 97.3441



49.3272, 50.3031, 25.1129

Square

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



53.2747, 50.3031, 97.3441



60.9882, 50.3031, 41.0289



42.7353, 50.3031, 26.8714



36.6843, 50.3031, 71.2840

Rectangle

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



53.2747, 50.3031, 97.3441



61.6368, 50.3031, 66.2531



42.7353, 50.3031, 26.8714



36.2257, 50.3031, 44.6995

Sweetspot

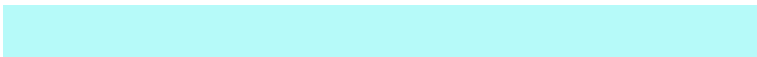
The Sweet Spot groups the original color and five complimentary colors.



53.2764, 50.3051, 97.3453



81.7730, 84.0021, 106.5119



70.5564, 85.1487, 102.2311



17.0031, 17.3778, 22.7080



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.



53.2764, 50.3051, 97.3453



49.3466, 44.9304, 100.6793



61.9700, 54.7867, 97.7521



16.2831, 16.6431, 21.7395



9.1528, 3.6611, 48.1978



0.8477, 0.3391, 4.4639

Inverse Universe

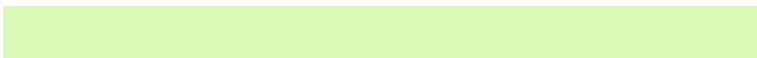
The Inverse Universe completely reimagines the original color for something new.



64.5972, 57.1590, 51.8861



63.1110, 53.2638, 45.4080



71.2854, 86.5219, 57.2010



17.2447, 17.2252, 17.8783



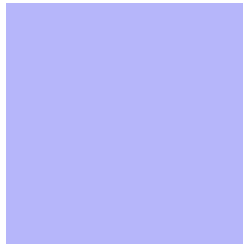
20.9119, 10.7805, 0.9787



1.9368, 0.9985, 0.0906

Previews

White Background



This preview shows how the XYZ color 53.2747, 50.3031, 97.3441 looks on a white background.

Color Contrast Check

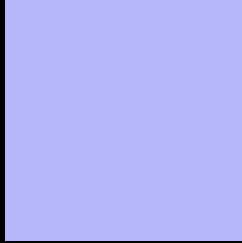
Large Text (above 18pt) WCAG AA × Fail

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 53.2747, 50.3031, 97.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

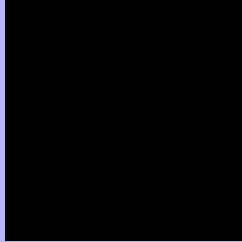
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2747, 50.3031, 97.3441

Background



This preview shows how black text looks on a background with the XYZ color 53.2747, 50.3031, 97.3441.

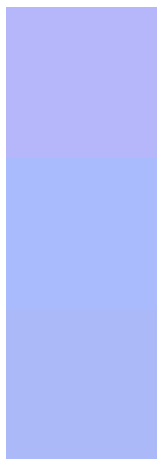


This preview shows how white text looks on a background with the XYZ color 53.2747, 50.3031,

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

53.2747, 50.3031, 97.3441

Protanopia

51.6507, 50.6447, 99.9816

Deuteranopia

51.4611, 50.3081, 96.6207



Tritanopia

46.7876, 50.1674, 65.6098

Trichromacy



Original Color

53.2747, 50.3031, 97.3441

Protanomaly

52.3752, 50.7249, 99.1259

Deuteranomaly

52.1439, 50.3506, 96.5929

Tritanomaly

48.8596, 50.0447, 76.1917

Monochromacy



Original Color

53.2747, 50.3031, 97.3441

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.1475, 50.8589, 69.4610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2747, 50.3031, 97.3441 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(182, 182, 250)` looks like.

```
.text, #text, p{  
    color:rgb(182, 182, 250)  
}
```

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(182, 182, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 182, 250) }
```

Border

The CSS property to change the border of an element to XYZ 53.2747, 50.3031, 97.3441 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(182, 182, 250) }
```


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

```
.border{ border-color:rgb(182, 182, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 182, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 182, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 182, 250);  
box-shadow:4px 4px 4px 4px rgb(182, 182,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2747, 50.3031, 97.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 182, 250) }
```

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

```
.background{ background-color: rgb(182,  
182, 250) }
```

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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