

Converting Colors

XYZ(53.2944, 48.6902, 98.4655)

Have a look what the booklet for
XYZ(53.2944, 48.6902, 98.4655)
contains.

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Color

**XYZ(53.3004, 48.7868,
98.7030)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B1FC
RGB	185, 177, 252
RGB Percent	73%, 69%, 99%
CMY	0.2745, 0.3059, 0.0118
CMYK	0.27, 0.30, 0.00, 0.01
HSL	246°, 93%, 84%
HSV	246°, 30%, 99%
XYZ	53.3004, 48.7868, 98.7030
YIQ	187.9420, -19.3070, 25.0210

Conversions

Conversions Part 2

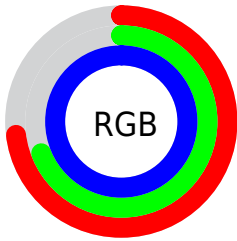
Format	Color
R_{YB}	185, 177, 252
Decimal	12169724
CIE _{Lab}	75.32, 18.71, -36.12
CIE _{LCh}	75, 40.673, 297.381
Yxy	48.7868, 0.2655, 0.2430
Android (android.graphics.Color)	4290359804 (0xFFB9B1FC)
YUV	187.9420, 31.5806, -2.5801
Hunter-Lab	69.8475, 13.9795, -34.8906

Details

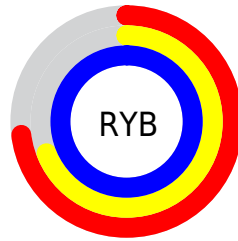
The XYZ color **53.3004, 48.7868, 98.7030** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.0556, 92.0292, 55.1409**, and the grayscale version is **47.6027, 50.0817, 54.5390**.

A 20% lighter version of the original color is **83.8069, 84.3751, 106.4767**, and **26.2639, 23.1013, 54.7045** is the 20% darker color. If you saturate the color by 10%, you get **43.7675, 37.1540, 96.9609**, and if you desaturate by 10%, it is **64.6156, 62.7048, 100.7939**.

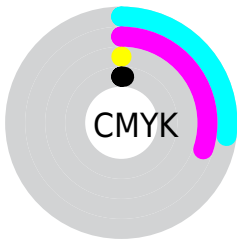
Distribution



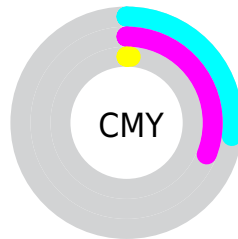
- Red (73%)
- Green (69%)
- Blue (99%)



- Red (73%)
- Yellow (69%)
- Blue (99%)



- Cyan (27%)
- Magenta (30%)
- Yellow (0%)
- Black (1%)



- Cyan (27%)
- Magenta (31%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3004, 48.7868, 98.7030 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 53.3004, 48.7868, 98.7030 by changing the saturation by 10% instead.

■ 53.3004, 48.7868,
98.7030

■ 53.3004, 48.7868,
98.7030

389.6786,
381.9024, 577.2374

■ 38.2711, 34.4504,
74.6070

■ 94.2092, 88.3747,
161.4100

■ 26.3713, 23.2398,
54.7912

120.8194,
114.3950, 200.8580

■ 17.2358, 14.7707,
38.8371

152.0205,
145.0787, 246.2604

■ 10.4991, 8.6586,
26.3262

188.1780,
180.8103, 298.0357

■ 5.7959, 4.5192,
16.8398

229.6572,
221.9740, 356.6026

■ 2.7608, 1.9680,
9.9596

276.8235,

■ 1.0286, 0.5888,

268.9543, 422.3795

5.2669

330.0422,
322.1357, 495.7849

■ 0.0000, 0.0000,
2.3433

■ 0.0000, 0.0000,
0.7553

■ 53.3004, 48.7868,
98.7030

■ 53.3004, 48.7868,
98.7030

■ 43.7675, 37.1540,
96.9609

■ 64.6156, 62.7048,
100.7939

■ 35.9208, 27.6785,
95.5455

■ 77.7924, 79.0152,
103.2476

■ 29.6628, 20.2285,
94.4374

■ 92.9118, 97.8254,
106.0815

■ 24.8839, 14.6557,
93.6136

■ 94.5708, 99.8083,
106.3768

■ 21.4604, 10.7911,
93.0481

■ 19.2479, 8.4348,
92.7099

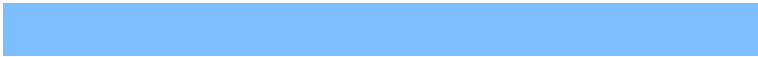
■ 18.0405, 7.2802,
92.5507

■ 18.0197, 7.2597,
92.5478

Harmonies

Analogous

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



45.7166, 48.7868, 105.7708



53.3004, 48.7868, 98.7030



59.5620, 48.7868, 78.5460

Triad

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



53.3004, 48.7868, 98.7030



54.5587, 48.7868, 25.4435



33.4421, 48.7868, 51.2613

Complementary

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



53.3004, 48.7868, 98.7030



80.0556, 92.0292, 55.1409

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.



35.2863, 48.7868, 33.8756



53.3004, 48.7868, 98.7030



47.0304, 48.7868, 21.6955

Square

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



53.3004, 48.7868, 98.7030



60.3416, 48.7868, 36.3478



40.0687, 48.7868, 24.3091



34.7415, 48.7868, 74.3920

Rectangle

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



53.3004, 48.7868, 98.7030



61.8597, 48.7868, 62.6318



40.0687, 48.7868, 24.3091



33.7100, 48.7868, 44.6245

Sweetspot

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



53.3021, 48.7887, 98.7041



81.0161, 82.5382, 106.2692



68.2048, 81.3793, 104.2093



16.8881, 17.1048, 22.6614



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.



53.3021, 48.7887, 98.7041



48.4145, 42.3688, 100.2340



63.4185, 54.0039, 99.1776



16.4548, 16.7316, 21.7476



9.4439, 3.8112, 48.2114



0.9294, 0.3812, 4.4678

Inverse Universe

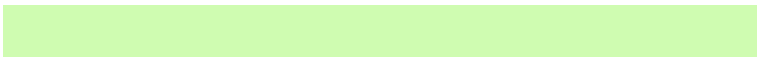
The Inverse Universe completely reimagines the original color for something new.



72.1974, 58.6731, 93.1088



70.8860, 54.1308, 93.2650



68.4797, 86.0617, 54.5991



17.9086, 17.4908, 21.3743



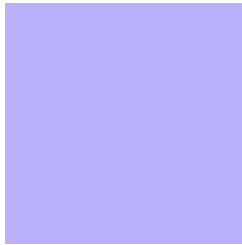
28.0332, 13.6290, 38.4790



2.6186, 1.2712, 3.6807

Previews

White Background



This preview shows how the XYZ color 53.3004, 48.7868, 98.7030 looks on a white background.

Color Contrast Check

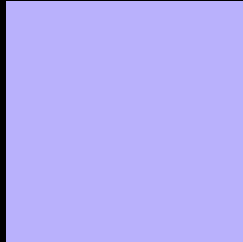
Large Text (above 18pt) WCAG AA × Fail

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 53.3004, 48.7868, 98.7030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

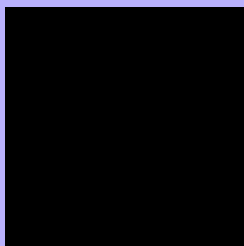
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3004, 48.7868, 98.7030

Background



This preview shows how black text looks on a background with the XYZ color 53.3004, 48.7868, 98.7030.



This preview shows how white text looks on a background with the XYZ color 53.3004, 48.7868,

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

53.3004, 48.7868, 98.7030

Protanopia

50.2933, 48.9795, 101.4110

Deuteranopia

50.2824, 49.0475, 98.0837



Tritanopia

46.1102, 48.9189, 62.8891

Trichromacy



Original Color

53.3004, 48.7868, 98.7030

Protanomaly

51.4265, 48.9742, 100.5084

Deuteranomaly

51.3920, 49.0115, 98.0183

Tritanomaly

48.4422, 48.6180, 74.5412

Monochromacy



Original Color

53.3004, 48.7868, 98.7030

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.3919, 49.5489, 68.5887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3004, 48.7868, 98.7030 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(185, 177, 252)` looks like.

```
.text, #text, p{  
    color:rgb(185, 177, 252)  
}
```

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(185, 177, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 177, 252) }
```

Border

The CSS property to change the border of an element to XYZ 53.3004, 48.7868, 98.7030 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(185, 177, 252) }
```


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

```
.border{ border-color:rgb(185, 177, 252) }
```

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

Here you see how a box with a 4 pixel rgb(185, 177, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 177, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 177, 252);  
box-shadow:4px 4px 4px 4px rgb(185, 177,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3004, 48.7868, 98.7030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 177, 252) }
```

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

```
.background{ background-color: rgb(185,  
177, 252) }
```

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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