

Converting Colors

XYZ(53.8250, 48.7098,
101.1728)

Have a look what the booklet for
XYZ(53.8250, 48.7098, 101.1728)
contains.

XYZ(53.8250, 48.7098, 101.1728)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.8250, 48.7098,
101.1728)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB0FF
RGB	186, 176, 255
RGB Percent	73%, 69%, 100%
CMY	0.2706, 0.3098, 0.0000
CMYK	0.27, 0.31, 0.00, 0.00
HSL	248°, 100%, 85%
HSV	248°, 31%, 100%
XYZ	53.8250, 48.7098, 101.1728
YIQ	187.9960, -19.3990, 26.6890

Conversions

Conversions Part 2

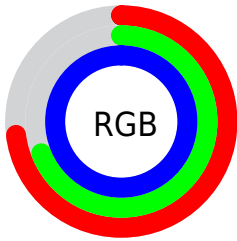
Format	Color
R _Y B	186, 176, 255
Decimal	12235007
CIE Lab	75.27, 20.26, -37.80
CIE LCh	75, 42.888, 298.191
Yxy	48.7098, 0.2642, 0.2391
Android (android.graphics.Color)	4290425087 (0xFFBAB0FF)
YUV	187.9960, 33.0330, -1.7505
Hunter-Lab	69.7924, 15.5253, -37.0936

Details

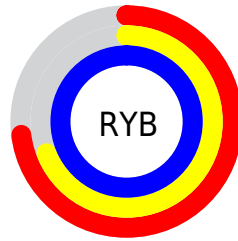
The XYZ color **53.8250, 48.7098, 101.1728** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **81.2533, 94.0674, 54.9506**, and the grayscale version is **47.6253, 50.1055, 54.5649**.

A 20% lighter version of the original color is **83.8688, 83.9879, 106.3987**, and **26.6361, 23.0684, 56.4749** is the 20% darker color. If you saturate the color by 10%, you get **44.2912, 37.0577, 99.4262**, and if you desaturate by 10%, it is **65.1442, 62.6784, 103.2724**.

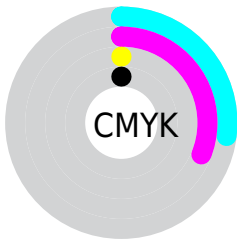
Distribution



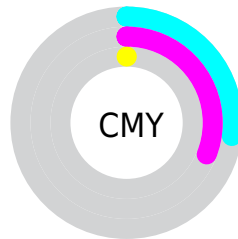
- Red (73%)
- Green (69%)
- Blue (100%)



- Red (73%)
- Yellow (69%)
- Blue (100%)



- Cyan (27%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8250, 48.7098, 101.1728 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 53.8250, 48.7098, 101.1728 by changing the saturation by 10% instead.

■ 53.8250, 48.7098,
101.1728

■ 53.8250, 48.7098,
101.1728

391.6516,
381.5987, 585.2250

■ 38.6919, 34.3893,
76.6580

■ 94.9756, 88.2603,
164.8339

■ 26.6998, 23.1929,
56.4624

121.7239,
114.2591, 204.8172

■ 17.4833, 14.7360,
40.1673

153.0745,
144.9195, 250.7938

■ 10.6771, 8.6343,
27.3542

189.3930,
180.6258, 303.1823

■ 5.9158, 4.5034,
17.6046

231.0445,
221.7625, 362.4011

■ 2.8341, 1.9590,
10.5000

278.3946,

■ 1.0667, 0.5835,

268.7140, 428.8688

5.6218

331.8085,
321.8646, 503.0039

■ 0.0000, 0.0000,
2.5515

■ 0.0000, 0.0000,
0.8672

■ 53.8250, 48.7098,
101.1728

■ 53.8250, 48.7098,
101.1728

■ 44.2912, 37.0577,
99.4262

■ 65.1442, 62.6784,
103.2724

■ 36.4467, 27.5912,
98.0124

■ 78.3293, 79.0740,
105.7422

■ 30.1930, 20.1746,
96.9105

■ 93.4613, 98.0065,
108.5990

■ 25.4196, 14.6547,
96.0966

■ 95.0500, 100.0000,
108.9000

■ 22.0014, 10.8568,
95.5437

■ 19.7917, 8.5728,
95.2193

■ 18.6543, 7.5315,
95.0783

Harmonies

Analogous

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



45.8209, 48.7098, 109.2580



53.8250, 48.7098, 101.1728



60.3935, 48.7098, 79.3340

Triad

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



53.8250, 48.7098, 101.1728



54.7454, 48.7098, 24.0615



32.7524, 48.7098, 51.6797

Complementary

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



53.8250, 48.7098, 101.1728



81.2533, 94.0674, 54.9506

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.



34.5851, 48.7098, 33.3063



53.8250, 48.7098, 101.1728



46.7768, 48.7098, 20.4289

Square

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



53.8250, 48.7098, 101.1728



60.9659, 48.7098, 35.0752



39.5062, 48.7098, 23.2624



34.1931, 48.7098, 76.2734

Rectangle

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



53.8250, 48.7098, 101.1728



62.7560, 48.7098, 62.4151



39.5062, 48.7098, 23.2624



33.0015, 48.7098, 44.6482

Sweetspot

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



53.8265, 48.7117, 101.1731



81.1668, 82.6159, 106.2763



68.8454, 82.2306, 106.8513



16.9249, 17.1237, 22.6631



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.



53.8265, 48.7117, 101.1731



47.8774, 41.4254, 100.0802



64.5396, 54.2345, 101.6744



17.2166, 17.4879, 22.7180



9.8132, 3.9694, 49.6835



1.0193, 0.4194, 4.8405

Inverse Universe

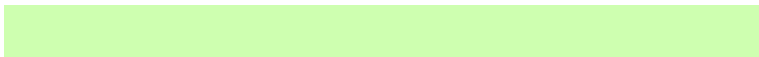
The Inverse Universe completely reimagines the original color for something new.



73.2477, 58.9048, 93.8961



70.1101, 53.1021, 91.3940



69.1298, 87.8175, 54.3832



18.6879, 18.2585, 22.2394



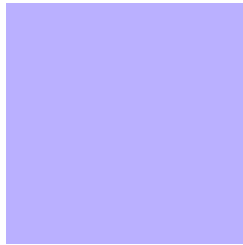
28.5277, 13.9004, 37.7591



2.8042, 1.3640, 3.8161

Previews

White Background



This preview shows how the XYZ color 53.8250, 48.7098, 101.1728 looks on a white background.

Color Contrast Check

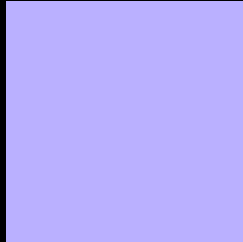
Large Text (above 18pt) WCAG AA × Fail

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 53.8250, 48.7098, 101.1728 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 53.8250, 48.7098, 101.1728

Background



This preview shows how black text looks on a background with the XYZ color 53.8250, 48.7098, 101.1728.



This preview shows how white text looks on a background with the XYZ color 53.8250, 48.7098,

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

53.8250, 48.7098, 101.1728

Protanopia

50.2933, 48.9795, 101.4110

Deuteranopia

50.1327, 48.9152, 100.5652



Tritanopia

45.7807, 48.4488, 62.1970

Trichromacy



Original Color

53.8250, 48.7098, 101.1728

Protanomaly

51.3845, 48.6332, 101.2866

Deuteranomaly

51.2239, 48.5689, 100.4409

Tritanomaly

48.3695, 48.2601, 75.1724

Monochromacy



Original Color

53.8250, 48.7098, 101.1728

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.5177, 49.5992, 69.2511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8250, 48.7098, 101.1728 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, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 176, 255)  
}
```

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, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 176, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.8250, 48.7098, 101.1728 is called "border". The border property can be set on classes, ids or directly on the HTML element.

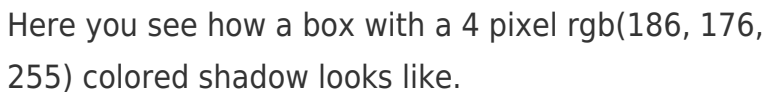
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 176, 255) }
```


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

```
.border{ border-color:rgb(186, 176, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 176, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 176, 255); box-shadow:4px 4px 4px 4px rgb(186, 176, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8250, 48.7098, 101.1728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 176, 255) }
```

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

```
.background{ background-color: rgb(186,  
176, 255) }
```

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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