

Converting Colors

XYZ(53.6514, 48.5291, 92.1273)

Have a look what the booklet for
XYZ(53.6514, 48.5291, 92.1273)
contains.

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Color

**XYZ(53.6514, 48.5291,
92.1273)**

Conversions

Conversions Part 1

Format	Color
Hex	C1AFF4
RGB	193, 175, 244
RGB Percent	76%, 69%, 96%
CMY	0.2431, 0.3137, 0.0431
CMYK	0.21, 0.28, 0.00, 0.04
HSL	256°, 76%, 82%
HSV	256°, 28%, 96%
XYZ	53.6514, 48.5291, 92.1273
YIQ	188.2480, -11.4210, 25.2750

Conversions

Conversions Part 2

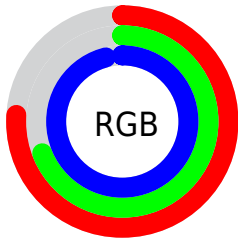
Format	Color
R_{YB}	193, 175, 244
Decimal	12693492
CIE _{Lab}	75.16, 20.30, -32.00
CIE _{LCh}	75, 37.894, 302.396
Yxy	48.5291, 0.2761, 0.2498
Android (android.graphics.Color)	4290883572 (0xFFC1AFF4)
YUV	188.2480, 27.4857, 4.1675
Hunter-Lab	69.6628, 15.5633, -29.6455

Details

The XYZ color **53.6514, 48.5291, 92.1273** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.4542, 83.9665, 53.0007**, and the grayscale version is **47.7956, 50.2846, 54.7600**.

A 20% lighter version of the original color is **86.0503, 84.6958, 106.4203**, and **26.5179, 22.9532, 50.6097** is the 20% darker color. If you saturate the color by 10%, you get **45.0041, 37.6479, 90.4836**, and if you desaturate by 10%, it is **63.7206, 61.4193, 94.0855**.

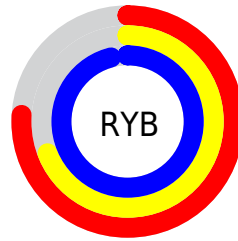
Distribution



Red (76%)

Green (69%)

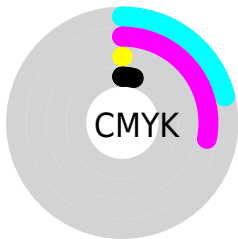
Blue (96%)



Red (76%)

Yellow (69%)

Blue (96%)

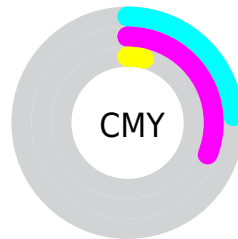


Cyan (21%)

Magenta (28%)

Yellow (0%)

Black (4%)



Cyan (24%)


Magenta (31%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6514, 48.5291, 92.1273 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 53.6514, 48.5291, 92.1273 by changing the saturation by 10% instead.


 53.6514, 48.5291,
92.1273

 53.6514, 48.5291,
92.1273

390.9994,
380.8855, 555.6745

 38.5526, 34.2461,
69.1627


 94.7221, 87.9917,
152.2510

 26.5910, 23.0827,
50.3717


121.4247,
113.9400, 190.2473

 17.4013, 14.6546,
35.3356


152.7260,
144.5455, 234.0912

 10.6181, 8.5773,
23.6359

188.9912,
180.1927, 284.2013

 5.8760, 4.4665,
14.8540

230.5858,
221.2659, 340.9962

 2.8098, 1.9378,
8.5715

277.8752,

 1.0540, 0.5710,

268.1495, 404.8943

4.3698

331.2246,
321.2279, 476.3142

■ 0.0000, 0.0000,
1.8303

■ 0.0000, 0.0000,
0.4478

■ 53.6514, 48.5291,
92.1273

■ 53.6514, 48.5291,
92.1273

■ 45.0041, 37.6479,
90.4836

■ 63.7206, 61.4193,
94.0855

■ 37.7076, 28.6669,
89.1346

■ 75.2687, 76.4079,
96.3699

■ 31.6916, 21.4760,
88.0637

■ 88.3555, 93.5861,
98.9959

■ 26.8773, 15.9511,
87.2511

■ 93.3293, 99.3117,
99.8389

■ 23.1762, 11.9516,
86.6742

■ 20.4864, 9.3127,
86.3066

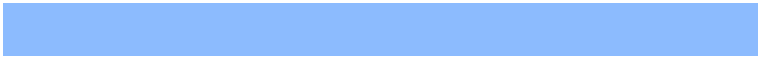
■ 18.6730, 7.8077,
86.1116

■ 18.4209, 7.6100,
86.0868

Harmonies

Analogous

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



46.6857, 48.5291, 100.9644



53.6514, 48.5291, 92.1273



58.9913, 48.5291, 72.6014

Triad

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



53.6514, 48.5291, 92.1273



52.5895, 48.5291, 25.6915



34.0353, 48.5291, 54.4543

Complementary

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



53.6514, 48.5291, 92.1273



71.4542, 83.9665, 53.0007

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.



35.2810, 48.5291, 37.0354



53.6514, 48.5291, 92.1273



45.5697, 48.5291, 23.1135

Square

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



53.6514, 48.5291, 92.1273



58.3363, 48.5291, 34.8939



39.3384, 48.5291, 26.6924



35.7498, 48.5291, 76.0765

Rectangle

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



53.6514, 48.5291, 92.1273



60.6583, 48.5291, 58.0602



39.3384, 48.5291, 26.6924



34.1216, 48.5291, 47.9424

Sweetspot

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



53.6530, 48.5311, 92.1284



83.5525, 84.9194, 106.5951



61.4107, 70.4487, 95.9501



17.4472, 17.6068, 22.7288



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.



53.6530, 48.5311, 92.1284



53.5729, 46.4017, 100.7406



63.2604, 53.4839, 92.5780



15.9864, 16.1357, 20.8145



10.1243, 4.1936, 46.8139



0.9823, 0.4162, 4.1188

Inverse Universe

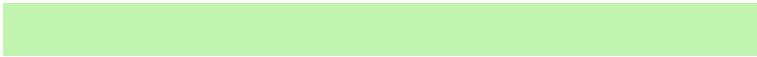
The Inverse Universe completely reimagines the original color for something new.



66.3672, 55.3860, 79.1462



69.9182, 55.2242, 83.6043



61.8917, 79.0369, 52.5532



17.0182, 16.6901, 19.8426



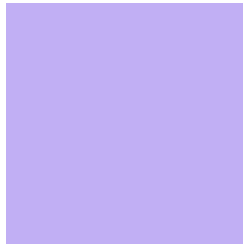
24.8441, 12.2811, 24.9511



2.2255, 1.0962, 2.4137

Previews

White Background



This preview shows how the XYZ color 53.6514, 48.5291, 92.1273 looks on a white background.

Color Contrast Check

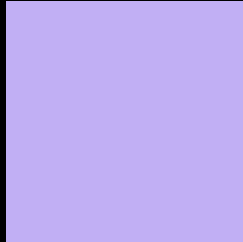
Large Text (above 18pt) WCAG AA × Fail

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 53.6514, 48.5291, 92.1273 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 53.6514, 48.5291, 92.1273

Background



This preview shows how black text looks on a background with the XYZ color 53.6514, 48.5291, 92.1273.



This preview shows how white text looks on a background with the XYZ color 53.6514, 48.5291,

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

53.6514, 48.5291, 92.1273

Protanopia

49.9147, 48.8761, 97.2457

Deuteranopia

49.9189, 48.6976, 91.5626



Tritanopia

47.3411, 48.6725, 60.3257

Trichromacy



Original Color

53.6514, 48.5291, 92.1273

Protanomaly

51.1690, 48.6499, 95.5004

Deuteranomaly

51.1202, 48.4146, 91.4446

Tritanomaly

49.5287, 48.6454, 71.0690

Monochromacy



Original Color

53.6514, 48.5291, 92.1273

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.5539, 49.3682, 66.5918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6514, 48.5291, 92.1273 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(193, 175, 244)` looks like.

```
.text, #text, p{  
    color:rgb(193, 175, 244)  
}
```

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(193, 175, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 175, 244) }
```

Border

The CSS property to change the border of an element to XYZ 53.6514, 48.5291, 92.1273 is called "border". The border property can be set on classes, ids or directly on the HTML element.

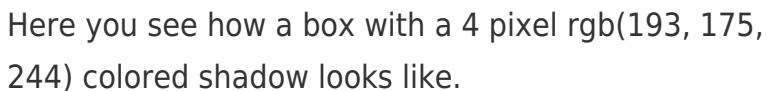
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 175, 244) }
```


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

```
.border{ border-color:rgb(193, 175, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 175, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 175, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 175, 244); box-shadow:4px 4px 4px 4px rgb(193, 175, 244) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6514, 48.5291, 92.1273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 175, 244) }
```

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

```
.background{ background-color: rgb(193,  
175, 244) }
```

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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