

Converting Colors

XYZ(53.6510, 44.7540,
100.4184)

Have a look what the booklet for
XYZ(53.6510, 44.7540, 100.4184)
contains.

XYZ(53.7353, 44.7964, 100.4222)	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(53.7353, 44.7964,
100.4222)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A2FF
RGB	196, 162, 255
RGB Percent	77%, 64%, 100%
CMY	0.2314, 0.3647, 0.0000
CMYK	0.23, 0.36, 0.00, 0.00
HSL	262°, 100%, 82%
HSV	262°, 36%, 100%
XYZ	53.7353, 44.7964, 100.4222
YIQ	182.7680, -9.5890, 36.1310

Conversions

Conversions Part 2

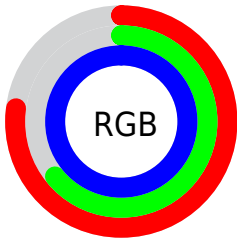
Format	Color
RYB	196, 162, 255
Decimal	12886783
CIELab	72.76, 30.86, -41.65
CIELCh	73, 51.837, 306.539
Yxy	44.7964, 0.2701, 0.2252
Android (android.graphics.Color)	4291076863 (0xFFC4A2FF)
YUV	182.7680, 35.6104, 11.6045
Hunter-Lab	66.9301, 26.1823, -42.1079

Details

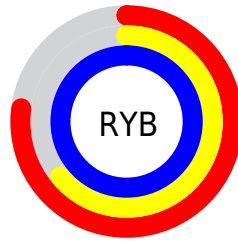
The XYZ color **53.7353, 44.7964, 100.4222** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **72.1009, 89.5010, 47.6594**, and the grayscale version is **44.6990, 47.0268, 51.2122**.

A 20% lighter version of the original color is **83.7359, 77.9165, 105.2338**, and **26.7535, 20.8918, 56.0485** is the 20% darker color. If you saturate the color by 10%, you get **45.7071, 34.6529, 98.8874**, and if you desaturate by 10%, it is **63.1307, 56.9986, 102.2822**.

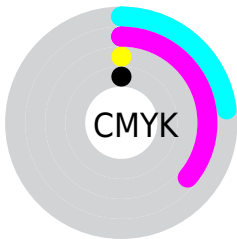
Distribution



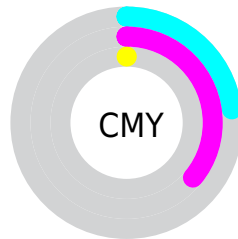
- Red (77%)
- Green (64%)
- Blue (100%)



- Red (77%)
- Yellow (64%)
- Blue (100%)



- Cyan (23%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (23%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7353, 44.7964, 100.4222 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 53.7353, 44.7964, 100.4222 by changing the saturation by 10% instead.


 53.7353, 44.7964,
100.4222


 53.7353, 44.7964,
100.4222


391.3147,
365.9483, 582.8037

 38.6199, 31.2971,
76.0343

 94.8447, 82.4148,
163.7942

 26.6436, 20.8252,
55.9538


 121.5693,
107.3027, 203.6154

 17.4409, 12.9963,
39.7622


152.8945,
136.7555, 249.4181

 10.6466, 7.4260,
27.0408

189.1854,
171.1578, 301.6209

 5.8953, 3.7299,
17.3711

230.8076,
210.8938, 360.6424

 2.8215, 1.5237,
10.3347

278.1263,

 1.0601, 0.3053,

256.3479, 426.9009

5.5129

331.5068,
307.9047, 500.8152

■ 0.0000, 0.0000,
2.4873

■ 0.0000, 0.0000,
0.8334

■ 53.7353, 44.7964,
100.4222

■ 53.7353, 44.7964,
100.4222

■ 45.7071, 34.6529,
98.8874

■ 63.1307, 56.9986,
102.2822

■ 38.9723, 26.4449,
97.6580

■ 73.9536, 71.3628,
104.4844

■ 33.4556, 20.0433,
96.7132

■ 86.2654, 87.9917,
107.0452

■ 29.0718, 15.3009,
96.0289

95.0500, 100.0000,
108.9000

■ 25.7222, 12.0458,
95.5771

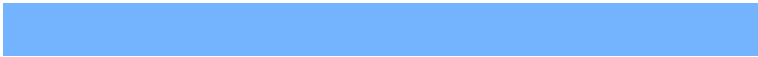
■ 23.2867, 10.0647,
95.3231

■ 22.5873, 9.5591,
95.2623

Harmonies

Analogous

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



44.5790, 44.7964, 116.4512



53.7353, 44.7964, 100.4222



60.5091, 44.7964, 71.2907

Triad

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



53.7353, 44.7964, 100.4222



49.8466, 44.7964, 15.9721



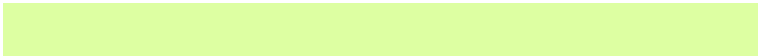
27.5938, 44.7964, 54.6404

Complementary

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



53.7353, 44.7964, 100.4222



72.1009, 89.5010, 47.6594

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.



28.5928, 44.7964, 31.5834



53.7353, 44.7964, 100.4222



40.6371, 44.7964, 14.2448

Square

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



53.7353, 44.7964, 100.4222



58.0520, 44.7964, 24.8168



33.0824, 44.7964, 18.8065



30.1309, 44.7964, 84.6373

Rectangle

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



53.7353, 44.7964, 100.4222



62.2951, 44.7964, 51.8299



33.0824, 44.7964, 18.8065



27.5332, 44.7964, 45.8438

Sweetspot

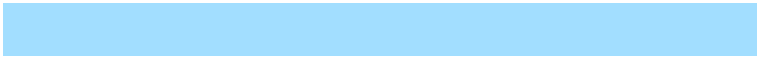
The Sweet Spot groups the original color and five complimentary colors.



53.7367, 44.7981, 100.4224



80.4990, 80.1707, 105.8395



59.1923, 67.3844, 104.4945



16.8738, 16.6788, 22.5799



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.



53.7367, 44.7981, 100.4224



47.5666, 36.9731, 99.2372



67.2639, 51.7716, 101.0555



17.6300, 17.7010, 22.7374



11.9516, 5.0718, 49.7836



1.2787, 0.5531, 4.8526

Inverse Universe

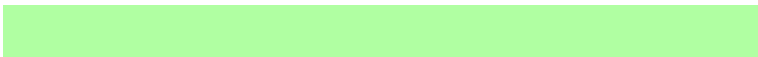
The Inverse Universe completely reimagines the original color for something new.



67.2122, 52.3224, 74.9638



63.1675, 45.6989, 69.0962



60.1758, 83.3534, 47.1013



18.4944, 18.1811, 21.2205



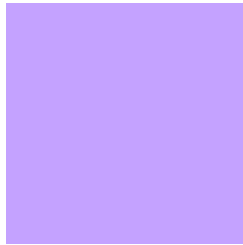
25.0202, 12.4974, 19.2887



2.4887, 1.2379, 2.1550

Previews

White Background



This preview shows how the XYZ color 53.7353, 44.7964, 100.4222 looks on a white background.

Color Contrast Check

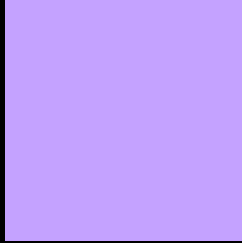
Large Text (above 18pt) WCAG AA × Fail

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 53.7353, 44.7964, 100.4222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

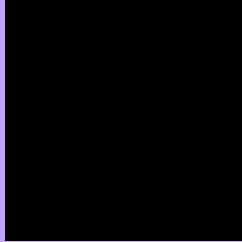
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7353, 44.7964, 100.4222

Background



This preview shows how black text looks on a background with the XYZ color 53.7353, 44.7964, 100.4222.



This preview shows how white text looks on a background with the XYZ color 53.7353, 44.7964,

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

53.7353, 44.7964, 100.4222

Protanopia

46.7122, 45.0430, 100.8399

Deuteranopia

46.2417, 45.1480, 98.3727



Tritanopia

44.4778, 44.9151, 54.4694

Trichromacy



Original Color

53.7353, 44.7964, 100.4222

Protanomaly

48.9751, 44.7808, 100.6700

Deuteranomaly

48.6306, 44.9217, 99.0362

Tritanomaly

47.3122, 44.6213, 69.0699

Monochromacy



Original Color

53.7353, 44.7964, 100.4222

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.5776, 45.9548, 66.6841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7353, 44.7964, 100.4222 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(196, 162, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 162, 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(196, 162, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 162, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.7353, 44.7964, 100.4222 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(196, 162, 255) }
```


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

```
.border{ border-color:rgb(196, 162, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 162, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 162, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 162, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 162,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7353, 44.7964, 100.4222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 162, 255) }
```

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

```
.background{ background-color: rgb(196,  
162, 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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