

Converting Colors

XYZ(60.9377, 46.0588,
144.3983)

Have a look what the booklet for
XYZ(60.9377, 46.0588, 144.3983)
contains.

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Color

**XYZ(52.4441, 42.5990,
100.0661)**

Conversions

Conversions Part 1

Format	Color
Hex	C39CFF
RGB	195, 156, 255
RGB Percent	76%, 61%, 100%
CMY	0.2353, 0.3882, 0.0000
CMYK	0.24, 0.39, 0.00, 0.00
HSL	264°, 100%, 81%
HSV	264°, 39%, 100%
XYZ	52.4441, 42.5990, 100.0661
YIQ	178.9470, -8.5350, 39.0570

Conversions

Conversions Part 2

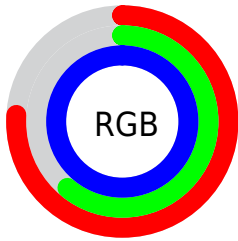
Format	Color
RYB	195, 156, 255
Decimal	12819711
CIELab	71.28, 33.88, -43.96
CIElCh	71, 55.506, 307.623
Yxy	42.5990, 0.2688, 0.2183
Android (android.graphics.Color)	4291009791 (0xFFC39CFF)
YUV	178.9470, 37.4941, 14.0785
Hunter-Lab	65.2679, 29.2096, -45.2135

Details

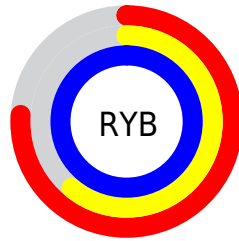
The XYZ color **52.4441, 42.5990, 100.0661** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **70.0802, 88.5195, 44.8465**, and the grayscale version is **42.6307, 44.8508, 48.8425**.

A 20% lighter version of the original color is **81.8523, 74.6912, 104.7105**, and **25.7908, 19.4668, 55.8242** is the 20% darker color. If you saturate the color by 10%, you get **44.8172, 32.9688, 98.6092**, and if you desaturate by 10%, it is **61.3852, 54.2418, 101.8421**.

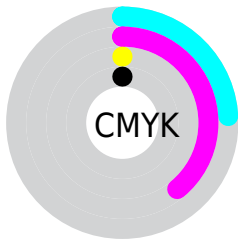
Distribution



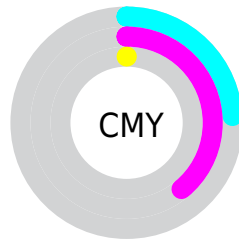
- Red (76%)
- Green (61%)
- Blue (100%)



- Red (76%)
- Yellow (61%)
- Blue (100%)



- Cyan (24%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4441, 42.5990, 100.0661 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 52.4441, 42.5990, 100.0661 by changing the saturation by 10% instead.

52.4441, 42.5990,
100.0661

52.4441, 42.5990,
100.0661

386.4446,
356.9601, 581.6531

37.5849, 29.5706,
75.7386

92.9562, 79.1054,
163.3007

25.8364, 19.5129,
55.7128

119.3398,
103.3522, 203.0448

16.8333, 12.0415,
39.5702

150.2956,
132.1072, 248.7649

10.2103, 6.7719,
26.8924

186.1889,
165.7549, 300.8794

5.6019, 3.3199,
17.2607

227.3851,
204.6796, 359.8069

2.6429, 1.3009,
10.2566

274.2495,

0.9679, 0.1419,

249.2658, 425.9660

5.4616

327.1476,
299.8978, 499.7752

■ 0.0000, 0.0000,
2.4571

■ 0.0000, 0.0000,
0.8173

■ 52.4441, 42.5990,
100.0661

■ 52.4441, 42.5990,
100.0661

■ 44.8172, 32.9688,
98.6092

■ 61.3852, 54.2418,
101.8421

■ 38.4312, 25.2264,
97.4514

■ 71.7000, 68.0019,
103.9544

■ 33.2112, 19.2406,
96.5711

■ 83.4493, 83.9824,
106.4197

■ 29.0715, 14.8603,
95.9438

95.0500, 100.0000,
108.9000

■ 25.9120, 11.9073,
95.5404

■ 23.5935, 10.1262,
95.3188

■ 23.3561, 9.9554,
95.2983

Harmonies

Analogous

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



42.9133, 42.5990, 118.1173



52.4441, 42.5990, 100.0661



59.4242, 42.5990, 68.7939

Triad

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



52.4441, 42.5990, 100.0661



47.7018, 42.5990, 13.2703



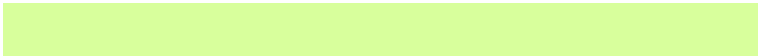
25.1974, 42.5990, 53.5302

Complementary

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



52.4441, 42.5990, 100.0661



70.0802, 88.5195, 44.8465

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.



26.0756, 42.5990, 29.4594



52.4441, 42.5990, 100.0661



38.1579, 42.5990, 11.8436

Square

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



52.4441, 42.5990, 100.0661



56.4065, 42.5990, 21.5767



30.5047, 42.5990, 16.4514



27.8890, 42.5990, 85.2991

Rectangle

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



52.4441, 42.5990, 100.0661



61.1637, 42.5990, 48.5442



30.5047, 42.5990, 16.4514



25.0933, 42.5990, 44.2870

Sweetspot

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



52.4455, 42.6006, 100.0663



79.5565, 78.6574, 105.5971



56.5871, 63.9405, 103.9670



16.6951, 16.3818, 22.5320



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.



52.4455, 42.6006, 100.0663



46.1125, 34.5793, 98.8518



67.0569, 50.1331, 100.7501



17.6800, 17.7267, 22.7397



12.3600, 5.2823, 49.8027



1.3220, 0.5755, 4.8547

Inverse Universe

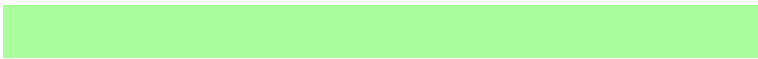
The Inverse Universe completely reimagines the original color for something new.



65.5239, 49.9961, 71.1630



61.2837, 43.1734, 64.6396



57.8145, 82.1963, 44.2724



18.4718, 18.1720, 21.1017



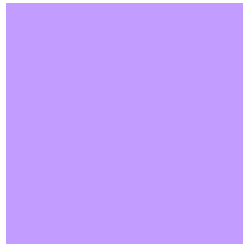
24.6958, 12.3676, 17.5805



2.4583, 1.2257, 1.9950

Previews

White Background



This preview shows how the XYZ color 52.4441, 42.5990, 100.0661 looks on a white background.

Color Contrast Check

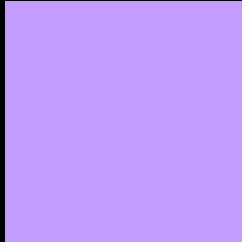
Large Text (above 18pt) WCAG AA × Fail

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 52.4441, 42.5990, 100.0661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

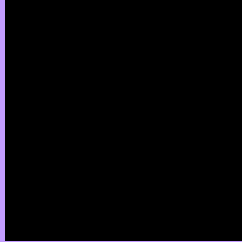
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4441, 42.5990, 100.0661

Background



This preview shows how black text looks on a background with the XYZ color 52.4441, 42.5990, 100.0661.



This preview shows how white text looks on a background with the XYZ color 52.4441, 42.5990,

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

52.4441, 42.5990, 100.0661

Protanopia

44.8351, 42.9281, 100.5306

Deuteranopia

44.0159, 42.8447, 98.0454



Tritanopia

42.5060, 42.5316, 51.3165

Trichromacy



Original Color

52.4441, 42.5990, 100.0661



Protanomaly

46.9961, 42.3849, 100.3119



Deuteranomaly

46.6526, 42.5158, 98.6760



Tritanomaly

45.7626, 42.4904, 66.7623

Monochromacy



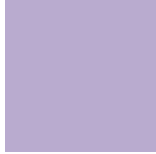
Original Color

52.4441, 42.5990, 100.0661



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

45.8330, 43.9451, 65.0981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4441, 42.5990, 100.0661 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(195, 156, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 156, 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(195, 156, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 156, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.4441, 42.5990, 100.0661 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(195, 156, 255) }
```


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

```
.border{ border-color:rgb(195, 156, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 156, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 156, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 156, 255); box-shadow:4px 4px 4px 4px rgb(195, 156, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4441, 42.5990, 100.0661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 156, 255) }
```

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

```
.background{ background-color: rgb(195,  
156, 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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