

Converting Colors

XYZ(52.4679, 44.5411, 92.3482)

Have a look what the booklet for
XYZ(52.4679, 44.5411, 92.3482)
contains.

XYZ(52.3436, 44.5227, 92.2211)	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(52.3436, 44.5227,
92.2211)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A3F5
RGB	196, 163, 245
RGB Percent	77%, 64%, 96%
CMY	0.2314, 0.3608, 0.0392
CMYK	0.20, 0.33, 0.00, 0.04
HSL	264°, 80%, 80%
HSV	264°, 33%, 96%
XYZ	52.3436, 44.5227, 92.2211
YIQ	182.2150, -6.6540, 32.4980

Conversions

Conversions Part 2

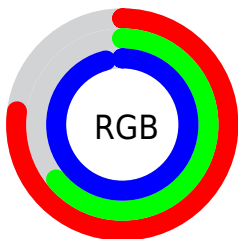
Format	Color
R _Y B	196, 163, 245
Decimal	12887029
CIE Lab	72.58, 28.04, -36.51
CIE LCh	73, 46.037, 307.526
Yxy	44.5227, 0.2768, 0.2355
Android (android.graphics.Color)	4291077109 (0xFFC4A3F5)
YUV	182.2150, 30.9530, 12.0894
Hunter-Lab	66.7253, 23.2574, -35.2370

Details

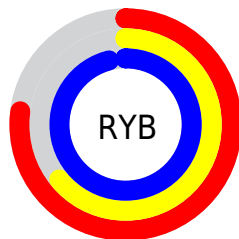
The XYZ color **52.3436, 44.5227, 92.2211** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.4158, 81.9471, 46.9690**, and the grayscale version is **44.4210, 46.7344, 50.8938**.

A 20% lighter version of the original color is **83.9945, 78.4336, 105.3200**, and **25.7460, 20.6624, 50.2082** is the 20% darker color. If you saturate the color by 10%, you get **44.7837, 34.7821, 90.7402**, and if you desaturate by 10%, it is **61.1208, 56.1437, 94.0023**.

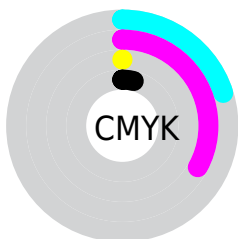
Distribution



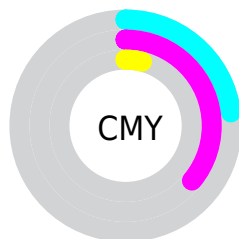
- Red (77%)
- Green (64%)
- Blue (96%)



- Red (77%)
- Yellow (64%)
- Blue (96%)



- Cyan (20%)
- Magenta (33%)
- Yellow (0%)
- Black (4%)





- Cyan (23%)
- Magenta (36%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3436, 44.5227, 92.2211 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 52.3436, 44.5227, 92.2211 by changing the saturation by 10% instead.

 52.3436, 44.5227,
92.2211


 52.3436, 44.5227,
92.2211


386.0639,
364.8370, 555.9853

 37.5044, 31.0816,
69.2402

 92.8090, 82.0037,
152.3821

 25.7737, 20.6610,
50.4344

 119.1659,
106.8124, 190.3994

 16.7862, 12.8765,
35.3851


150.0928,
136.1792, 234.2659

 10.1766, 7.3435,
23.6737

185.9550,
170.4884, 284.4001

 5.5793, 3.6779,
14.8818

227.1178,
210.1243, 341.2206

 2.6292, 1.4950,
8.5908

273.9467,

 0.9609, 0.2852,

255.4715, 405.1459

4.3821

326.8069,
306.9143, 476.5947

■ 0.0000, 0.0000,
1.8372

■ 0.0000, 0.0000,
0.4523

■ 52.3436, 44.5227,
92.2211

■ 52.3436, 44.5227,
92.2211

■ 44.7837, 34.7821,
90.7402

■ 61.1208, 56.1437,
94.0023

■ 38.3770, 26.8134,
89.5397

■ 71.1658, 69.7347,
96.0962

■ 33.0603, 20.5048,
88.6023

■ 82.5316, 85.3861,
98.5182

■ 28.7612, 15.7294,
87.9071

■ 93.3213, 99.2900,
100.6332

■ 25.3975, 12.3407,
87.4303

■ 93.4816, 99.3726,
100.6407

■ 22.8709, 10.1616,
87.1429

■ 21.5834, 9.2227,
87.0295

Harmonies

Analogous

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



44.3544, 44.5227, 106.2236



52.3436, 44.5227, 92.2211



58.0975, 44.5227, 67.2413

Triad

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



52.3436, 44.5227, 92.2211



48.4429, 44.5227, 18.2032



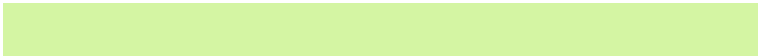
28.8833, 44.5227, 54.4498

Complementary

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



52.3436, 44.5227, 92.2211



66.4158, 81.9471, 46.9690

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.



29.6897, 44.5227, 33.5762



52.3436, 44.5227, 92.2211



40.3439, 44.5227, 16.7098

Square

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



52.3436, 44.5227, 92.2211



55.6557, 44.5227, 26.3765



33.6611, 44.5227, 21.3586



31.3012, 44.5227, 80.3859

Rectangle

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



52.3436, 44.5227, 92.2211



59.5275, 44.5227, 50.3944



33.6611, 44.5227, 21.3586



28.7923, 44.5227, 46.6101

Sweetspot

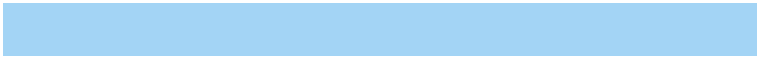
The Sweet Spot groups the original color and five complimentary colors.



52.3451, 44.5245, 92.2221



82.0624, 82.0194, 106.1139



55.1806, 61.5676, 95.3623



17.1995, 17.0545, 22.6353



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.



52.3451, 44.5245, 92.2221



51.7020, 41.4783, 99.8889



64.4381, 50.7587, 92.7881



16.2124, 16.2522, 20.8251



11.7739, 5.0440, 46.8911



1.1477, 0.5015, 4.1265

Inverse Universe

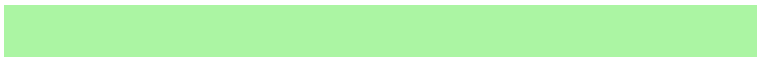
The Inverse Universe completely reimagines the original color for something new.



62.6383, 50.3619, 68.7080



64.7626, 48.8950, 69.6098



56.1028, 76.6306, 46.4864



16.9149, 16.6488, 19.2982



23.1684, 11.6108, 16.1270



2.0870, 1.0408, 1.6846

Previews

White Background



This preview shows how the XYZ color 52.3436, 44.5227, 92.2211 looks on a white background.

Color Contrast Check

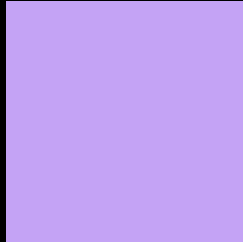
Large Text (above 18pt) WCAG AA × Fail

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 52.3436, 44.5227, 92.2211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

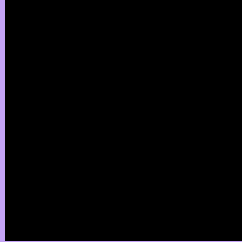
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3436, 44.5227, 92.2211

Background



This preview shows how black text looks on a background with the XYZ color 52.3436, 44.5227, 92.2211.



This preview shows how white text looks on a background with the XYZ color 52.3436, 44.5227,

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

52.3436, 44.5227, 92.2211

Protanopia

46.5168, 44.6522, 100.7748

Deuteranopia

45.8504, 44.8324, 90.2413



Tritanopia

44.4629, 44.3420, 53.7924

Trichromacy



Original Color

52.3436, 44.5227, 92.2211

Protanomaly

48.3377, 44.5259, 97.3135

Deuteranomaly

47.7538, 44.3675, 90.8409

Tritanomaly

47.1186, 44.3000, 66.3889

Monochromacy



Original Color

52.3436, 44.5227, 92.2211

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.8429, 45.6325, 64.0967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3436, 44.5227, 92.2211 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, 163, 245)` looks like.

```
.text, #text, p{  
    color:rgb(196, 163, 245)  
}
```

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, 163, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 163, 245) }
```

Border

The CSS property to change the border of an element to XYZ 52.3436, 44.5227, 92.2211 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, 163, 245) }
```


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

```
.border{ border-color:rgb(196, 163, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 163, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 163, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 163, 245);  
box-shadow:4px 4px 4px 4px rgb(196, 163,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3436, 44.5227, 92.2211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 163, 245) }
```

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

```
.background{ background-color: rgb(196,  
163, 245) }
```

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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