

Converting Colors

XYZ(68.7116, 52.3483, 96.9252)

Have a look what the booklet for
XYZ(68.7116, 52.3483, 96.9252)
contains.

XYZ(68.7116, 52.3483, 96.9252)	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(68.7116, 52.3483,
96.9252)**

Conversions

Conversions Part 1

Format	Color
Hex	F8A1FA
RGB	248, 161, 250
RGB Percent	97%, 63%, 98%
CMY	0.0274, 0.3686, 0.0196
CMYK	0.01, 0.36, 0.00, 0.02
HSL	299°, 90%, 81%
HSV	299°, 36%, 98%
XYZ	68.7116, 52.3483, 96.9252
YIQ	197.1590, 23.2830, 46.1230

Conversions

Conversions Part 2

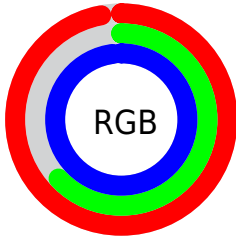
Format	Color
R _Y B	248, 161, 250
Decimal	16294394
CIE Lab	77.49, 45.78, -31.21
CIE LCh	77, 55.402, 325.719
Yxy	52.3483, 0.3152, 0.2401
Android (android.graphics.Color)	4294484474 (0xFFF8A1FA)
YUV	197.1590, 26.0506, 44.5876
Hunter-Lab	72.3521, 42.9022, -28.7803

Details

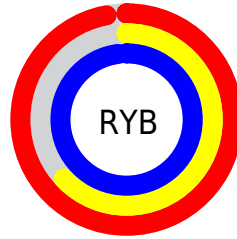
The XYZ color **68.7116, 52.3483, 96.9252** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **55.7246, 78.7322, 45.9806**, and the grayscale version is **53.0062, 55.7666, 60.7299**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **36.1185, 25.3128, 53.4343** is the 20% darker color. If you saturate the color by 10%, you get **64.5736, 44.3663, 95.6034**, and if you desaturate by 10%, it is **73.7270, 62.0819, 98.5404**.

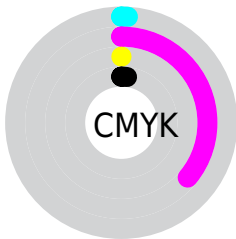
Distribution



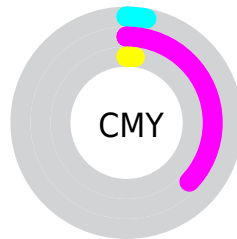
- Red (97%)
- Green (63%)
- Blue (98%)



- Red (97%)
- Yellow (63%)
- Blue (98%)



- Cyan (1%)
- Magenta (36%)
- Yellow (0%)
- Black (2%)





- Cyan (3%)
- Magenta (37%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.7116, 52.3483, 96.9252 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 68.7116, 52.3483, 96.9252 by changing the saturation by 10% instead.


 68.7116, 52.3483,
96.9252

 68.7116, 52.3483,
96.9252


445.3504,
395.7798, 571.4511

 50.7527, 37.2828,
73.1326

 116.4059, 93.6447,
158.9401

 36.2320, 25.4265,
53.5919


 146.8719,
120.6444, 197.9994

 24.7844, 16.3951,
37.8846


182.2377,
152.3909, 242.9848

 16.0444, 9.8042,
25.5920

222.8687,
189.2686, 294.3148

 9.6466, 5.2693,
16.2956

269.1300,
231.6620, 352.4079

 5.2257, 2.4061,
9.5770

321.3872,

 2.4164, 0.8290,

279.9554, 417.6826

5.0175

380.0056,
334.5332, 490.5575

■ 0.8533, 0.0000,
2.1986

■ 0.0000, 0.0000,
0.6736

■ 68.7116, 52.3483,
96.9252

■ 68.7116, 52.3483,
96.9252

■ 64.5736, 44.3663,
95.6034

■ 73.7270, 62.0819,
98.5404

■ 61.2554, 38.0243,
94.5541

■ 79.6626, 73.6562,
100.4616

■ 58.7010, 33.2088,
93.7593

■ 86.5646, 87.1625,
102.7048

■ 56.8448, 29.7888,
93.1970

■ 92.5288, 98.7920,
104.6352

■ 55.6104, 27.6116,
92.8418

■ 92.7306, 98.8961,
104.6446

■ 54.9032, 26.4880,
92.6622

■ 92.9330, 99.0004,
104.6541

■ 54.6975, 26.2042,
92.6183

■ 93.1360, 99.1051,
104.6636

■ 93.3397, 99.2101,
104.6732

■ 93.5439, 99.3153,
104.6827

Harmonies

Analogous

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



59.2029, 52.3483, 128.0385



68.7116, 52.3483, 96.9252



73.1540, 52.3483, 61.4995

Triad

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



68.7116, 52.3483, 96.9252



51.3033, 52.3483, 16.1826



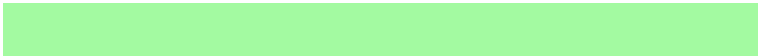
33.4622, 52.3483, 86.4965

Complementary

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



68.7116, 52.3483, 96.9252



55.7246, 78.7322, 45.9806

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.



31.9684, 52.3483, 52.7224



68.7116, 52.3483, 96.9252



41.3707, 52.3483, 18.7520

Square

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



68.7116, 52.3483, 96.9252



62.2328, 52.3483, 20.9217



34.6520, 52.3483, 29.8894



39.0684, 52.3483, 120.6593

Rectangle

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



68.7116, 52.3483, 96.9252



72.2396, 52.3483, 42.5125



34.6520, 52.3483, 29.8894



32.5001, 52.3483, 74.4496

Sweetspot

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



68.7133, 52.3506, 96.9263



86.5140, 83.2715, 106.1210



45.2249, 41.0207, 95.9774



18.3111, 17.4197, 22.6472



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.



68.7133, 52.3506, 96.9263



68.5686, 48.3738, 100.3309



63.6135, 50.3930, 66.3520



17.9522, 17.5035, 21.8176



29.0306, 13.9085, 49.1281



2.7006, 1.2943, 4.5507

Inverse Universe

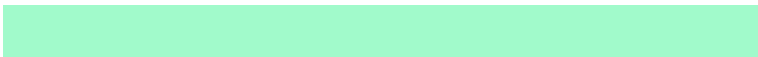
The Inverse Universe completely reimagines the original color for something new.



58.7818, 48.4603, 40.9081



56.7495, 43.7501, 33.3931



59.6093, 80.2391, 68.5568



17.2604, 17.2315, 17.9612



20.9351, 10.7898, 1.1010



1.9443, 1.0015, 0.1303

Previews

White Background



This preview shows how the XYZ color 68.7116, 52.3483, 96.9252 looks on a white background.

Color Contrast Check

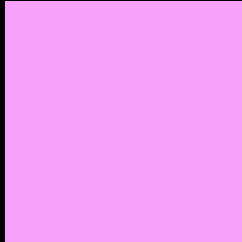
Large Text (above 18pt) WCAG AA × Fail

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 68.7116, 52.3483, 96.9252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

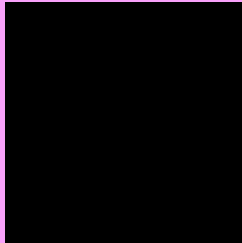
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.7116, 52.3483, 96.9252

Background



This preview shows how black text looks on a background with the XYZ color 68.7116, 52.3483, 96.9252.



This preview shows how white text looks on a background with the XYZ color 68.7116, 52.3483,

96.9252.

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

68.7116, 52.3483, 96.9252

Protanopia

53.6970, 52.9311, 101.9943

Deuteranopia

53.7561, 52.5041, 93.6873



Tritanopia

60.0409, 52.3852, 53.9606

Trichromacy



Original Color

68.7116, 52.3483, 96.9252



Protanomaly

57.6691, 51.6114, 99.8510



Deuteranomaly

58.1625, 51.6780, 94.9050



Tritanomaly

62.7830, 52.0838, 67.7169

Monochromacy



Original Color

68.7116, 52.3483, 96.9252



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

57.8541, 53.8378, 72.3082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.7116, 52.3483, 96.9252 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(248, 161, 250)` looks like.

```
.text, #text, p{  
    color:rgb(248, 161, 250)  
}
```

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(248, 161, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 161, 250) }
```

Border

The CSS property to change the border of an element to XYZ 68.7116, 52.3483, 96.9252 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(248, 161, 250) }
```


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

```
.border{ border-color:rgb(248, 161, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 161, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 161, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 161, 250);  
box-shadow:4px 4px 4px 4px rgb(248, 161,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 68.7116, 52.3483, 96.9252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 161, 250) }
```

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

```
.background{ background-color: rgb(248,  
161, 250) }
```

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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