

Converting Colors

XYZ(68.6484, 53.5471,
101.3252)

Have a look what the booklet for
XYZ(68.6484, 53.5471, 101.3252)
contains.

XYZ(68.6484, 53.5471, 101.3252)	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(68.6484, 53.5471,
101.3252)**

Conversions

Conversions Part 1

Format	Color
Hex	F3A6FF
RGB	243, 166, 255
RGB Percent	95%, 65%, 100%
CMY	0.0471, 0.3490, 0.0000
CMYK	0.05, 0.35, 0.00, 0.00
HSL	292°, 100%, 83%
HSV	292°, 35%, 100%
XYZ	68.6484, 53.5471, 101.3252
YIQ	199.1690, 17.3230, 44.0030

Conversions

Conversions Part 2

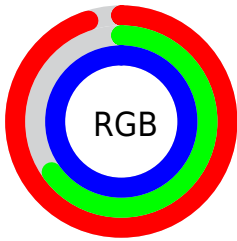
Format	Color
R _Y B	243, 166, 255
Decimal	15967999
CIE _{Lab}	78.20, 42.59, -32.85
CIE _{LCh}	78, 53.786, 322.353
Y _{xy}	53.5471, 0.3071, 0.2396
Android (android.graphics.Color)	4294158079 (0xFFFF3A6FF)
YUV	199.1690, 27.5247, 38.4398
Hunter-Lab	73.1759, 39.3982, -30.8746

Details

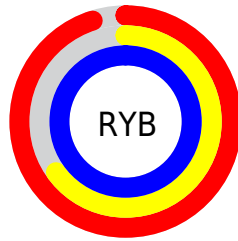
The XYZ color **68.6484, 53.5471, 101.3252** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **61.0042, 83.7387, 49.0268**, and the grayscale version is **54.2204, 57.0441, 62.1210**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **36.3479, 26.3266, 56.5919** is the 20% darker color. If you saturate the color by 10%, you get **63.2895, 44.5732, 99.8755**, and if you desaturate by 10%, it is **74.9517, 64.3748, 103.0829**.

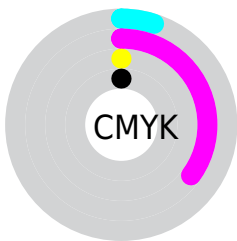
Distribution



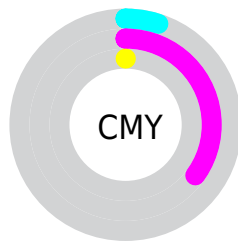
- Red (95%)
- Green (65%)
- Blue (100%)



- Red (95%)
- Yellow (65%)
- Blue (100%)



- Cyan (5%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.6484, 53.5471, 101.3252 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 68.6484, 53.5471, 101.3252 by changing the saturation by 10% instead.


 68.6484, 53.5471,
101.3252


 68.6484, 53.5471,
101.3252


445.1307,
400.3806, 585.7160

 50.7010, 38.2397,
76.7847

 116.3161, 95.4089,
165.0449

 36.1908, 26.1688,
56.5657


 146.7671,
122.7322, 205.0611

 24.7524, 16.9499,
40.2496

182.1166,
154.8294, 251.0729

 16.0204, 10.1988,
27.4179

222.7302,
192.0852, 303.4990

 9.6295, 5.5310,
17.6522

268.9730,
234.8838, 362.7578

 5.2144, 2.5620,
10.5337

321.2104,

 2.4096, 0.9076,

283.6096, 429.2679

5.6440

379.8079,
338.6471, 503.4478

■ 0.8499, 0.0000,
2.5646

■ 0.0000, 0.0000,
0.8741

■ 68.6484, 53.5471,
101.3252

■ 68.6484, 53.5471,
101.3252

■ 63.2895, 44.5732,
99.8755

■ 74.9517, 64.3748,
103.0829

■ 58.8154, 37.3372,
98.7146

■ 82.2447, 77.1498,
105.1644

■ 55.1673, 31.7204,
97.8228

■ 90.5757, 91.9673,
107.5854

■ 52.2769, 27.5867,
97.1772

95.0500, 100.0000,
108.9000

■ 50.0648, 24.7773,
96.7515

■ 48.4332, 23.0969,
96.5132

■ 47.7538, 22.5329,
96.4401

Harmonies

Analogous

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



58.9812, 53.5471, 129.9629



68.6484, 53.5471, 101.3252



73.6886, 53.5471, 66.3571

Triad

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



68.6484, 53.5471, 101.3252



53.6343, 53.5471, 17.6746



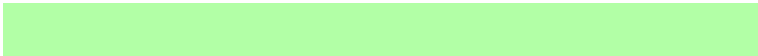
34.3866, 53.5471, 83.2248

Complementary

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



68.6484, 53.5471, 101.3252



61.0042, 83.7387, 49.0268

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.



33.3652, 53.5471, 50.9298



68.6484, 53.5471, 101.3252



43.5837, 53.5471, 19.4635

Square

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



68.6484, 53.5471, 101.3252



64.2758, 53.5471, 23.4138



36.5010, 53.5471, 29.5965



39.5133, 53.5471, 117.2476

Rectangle

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



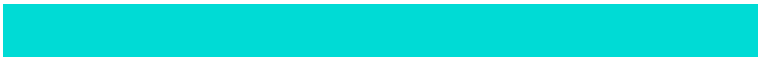
68.6484, 53.5471, 101.3252



73.3202, 53.5471, 46.7687



36.5010, 53.5471, 29.5965



33.5833, 53.5471, 71.5946

Sweetspot

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



68.6500, 53.5494, 101.3256



86.1944, 84.1495, 106.3073



49.9682, 47.7100, 101.1831



18.2011, 17.5709, 22.6822



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.



68.6500, 53.5494, 101.3256



64.7502, 46.9921, 100.2654



68.3116, 53.9081, 77.2206



18.5376, 18.1689, 22.7799



25.0458, 11.8220, 50.3964



2.5024, 1.1839, 4.9099

Inverse Universe

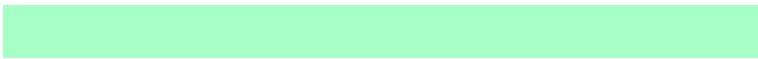
The Inverse Universe completely reimagines the original color for something new.



62.9133, 51.7488, 48.7937



58.3660, 45.0292, 39.9558



61.5826, 83.6658, 65.8189



18.1091, 18.0269, 19.1915



21.7328, 11.1824, 1.9776



2.1452, 1.1005, 0.3461

Previews

White Background



This preview shows how the XYZ color 68.6484, 53.5471, 101.3252 looks on a white background.

Color Contrast Check

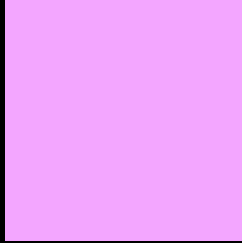
Large Text (above 18pt) WCAG AA × Fail

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 68.6484, 53.5471, 101.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

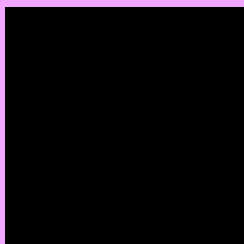
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.6484, 53.5471, 101.3252

Background



This preview shows how black text looks on a background with the XYZ color 68.6484, 53.5471, 101.3252.

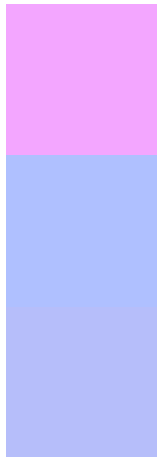


This preview shows how white text looks on a background with the XYZ color 68.6484, 53.5471,

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

68.6484, 53.5471, 101.3252

Protanopia

54.5788, 54.0332, 102.1606

Deuteranopia

54.9602, 53.6741, 97.9059



Tritanopia

59.5662, 53.5384, 57.0636

Trichromacy



Original Color

68.6484, 53.5471, 101.3252



Protanomaly

58.8029, 53.3663, 101.8092



Deuteranomaly

58.9964, 52.9134, 99.1993

Tritanomaly

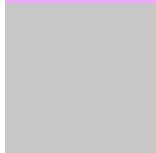
62.3268, 53.1829, 71.2703

Monochromacy



Original Color

68.6484, 53.5471, 101.3252



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

58.5808, 55.1022, 74.5661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.6484, 53.5471, 101.3252 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(243, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 166, 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(243, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 166, 255) }
```

Border

The CSS property to change the border of an element to XYZ 68.6484, 53.5471, 101.3252 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(243, 166, 255) }
```


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

```
.border{ border-color:rgb(243, 166, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 166,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6484, 53.5471, 101.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 166, 255) }
```

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

```
.background{ background-color: rgb(243,  
166, 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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