

Converting Colors

XYZ(140.9170, 83.1822,
96.0382)

Have a look what the booklet for
XYZ(140.9170, 83.1822, 96.0382)
contains.

XYZ(66.2621, 44.6889, 92.3222)	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(66.2621, 44.6889,
92.3222)**

Conversions

Conversions Part 1

Format	Color
Hex	FF85F6
RGB	255, 133, 246
RGB Percent	100%, 52%, 96%
CMY	0.0000, 0.4784, 0.0353
CMYK	0.00, 0.48, 0.04, 0.00
HSL	304°, 100%, 76%
HSV	304°, 48%, 100%
XYZ	66.2621, 44.6889, 92.3222
YIQ	182.3600, 36.4390, 61.0070

Conversions

Conversions Part 2

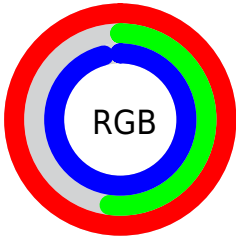
Format	Color
R _Y B	255, 133, 246
Decimal	16745974
CIE Lab	72.69, 61.08, -36.39
CIE LCh	73, 71.098, 329.214
Yxy	44.6889, 0.3260, 0.2198
Android (android.graphics.Color)	4294936054 (0xFFFF85F6)
YUV	182.3600, 31.3745, 63.7053
Hunter-Lab	66.8498, 59.9438, -35.0870

Details

The XYZ color **66.2621, 44.6889, 92.3222** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **50.3168, 78.4602, 38.0857**, and the grayscale version is **44.4812, 46.7977, 50.9627**.

A 20% lighter version of the original color is **77.7035, 65.3069, 103.1178**, and **34.6041, 20.7176, 50.3192** is the 20% darker color. If you saturate the color by 10%, you get **62.8980, 38.4202, 89.7840**, and if you desaturate by 10%, it is **70.4783, 52.6568, 95.1600**.

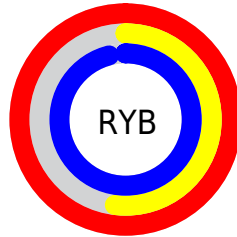
Distribution



Red (100%)

Green (52%)

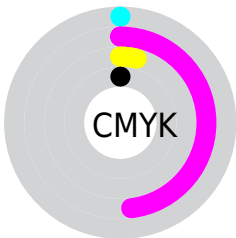
Blue (96%)



Red (100%)

Yellow (52%)

Blue (96%)

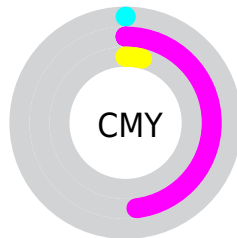


Cyan (0%)

Magenta (48%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2621, 44.6889, 92.3222 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 66.2621, 44.6889, 92.3222 by changing the saturation by 10% instead.


 66.2621, 44.6889,
92.3222


 66.2621, 44.6889,
92.3222


436.7875,
365.5121, 556.3201


 48.7537, 31.2125,
69.3237


 112.9181, 82.2534,
152.5234

 34.6379, 20.7607,
50.5020


 142.7964,
107.1102, 190.5633

 23.5493, 12.9492,
35.4385


 177.5286,
136.5293, 234.4541

 15.1225, 7.3936,
23.7146

217.4803,
170.8950, 284.6143

 8.9923, 3.7094,
14.9118

263.0166,
210.5917, 341.4624

 4.7932, 1.5124,
8.6116

314.5031,

 2.1600, 0.2974,

256.0039, 405.4171

4.3954

372.3049,
307.5159, 476.8968

■ 0.7215, 0.0000,
1.8447

■ 0.0000, 0.0000,
0.4572

■ 66.2621, 44.6889,
92.3222

■ 66.2621, 44.6889,
92.3222

■ 62.8980, 38.4202,
89.7840

■ 70.4783, 52.6568,
95.1600

■ 60.3206, 33.7207,
87.5219

■ 75.6000, 62.4309,
98.3135

■ 58.4602, 30.4502,
85.5131

■ 81.6792, 74.1155,
101.8007

■ 57.2329, 28.4414,
83.7296

■ 88.7635, 87.8056,
105.6375

■ 56.5268, 27.4703,
82.1341

95.0500, 100.0000,
108.9000

■ 56.4078, 27.3271,
81.8027

Harmonies

Analogous

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



55.1246, 44.6889, 135.1932



66.2621, 44.6889, 92.3222



70.8533, 44.6889, 49.5953

Triad

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



66.2621, 44.6889, 92.3222



42.8013, 44.6889, 7.4542



24.9664, 44.6889, 89.8735

Complementary

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



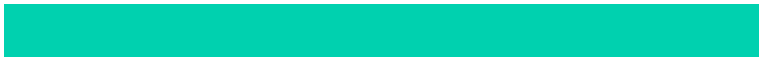
66.2621, 44.6889, 92.3222



50.3168, 78.4602, 38.0857

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.



22.9117, 44.6889, 47.7338



66.2621, 44.6889, 92.3222



31.9264, 44.6889, 10.2070

Square

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



66.2621, 44.6889, 92.3222



55.7971, 44.6889, 10.5392



25.1951, 44.6889, 21.5303



31.4633, 44.6889, 133.3621

Rectangle

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



66.2621, 44.6889, 92.3222



69.0156, 44.6889, 29.5648



25.1951, 44.6889, 21.5303



23.7962, 44.6889, 74.5888

Sweetspot

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



66.2631, 44.6906, 92.3231



84.2787, 79.1313, 103.2321



37.4466, 29.6717, 98.3613



17.7226, 16.3264, 21.9224



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.



66.2631, 44.6906, 92.3231



63.1496, 38.8850, 89.9865



58.4775, 41.5764, 51.3250



18.7314, 18.2759, 22.4688



29.4988, 14.2888, 42.8724



2.8888, 1.3979, 4.2617

Inverse Universe

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



66.2631, 44.6906, 92.3231



63.1496, 38.8850, 89.9865



56.1106, 80.7778, 68.5959



18.7314, 18.2759, 22.4688



29.4988, 14.2888, 42.8724



2.8888, 1.3979, 4.2617

Previews

White Background



This preview shows how the XYZ color 66.2621, 44.6889, 92.3222 looks on a white background.

Color Contrast Check

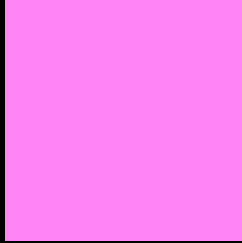
Large Text (above 18pt) WCAG AA × Fail

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 66.2621, 44.6889, 92.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

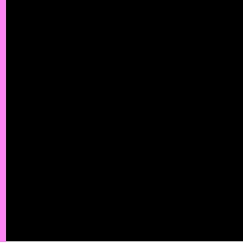
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2621, 44.6889, 92.3222

Background



This preview shows how black text looks on a background with the XYZ color 66.2621, 44.6889, 92.3222.



This preview shows how white text looks on a background with the XYZ color 66.2621, 44.6889,

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

66.2621, 44.6889, 92.3222

Protanopia

46.7122, 45.0430, 100.8399

Deuteranopia

46.0622, 45.0102, 87.1490



Tritanopia

55.4953, 44.5133, 40.3173

Trichromacy



Original Color

66.2621, 44.6889, 92.3222



Protanomaly

51.3767, 43.1170, 97.7100



Deuteranomaly

51.2129, 43.2282, 88.8638



Tritanomaly

58.8180, 44.2408, 55.8914

Monochromacy



Original Color

66.2621, 44.6889, 92.3222



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

50.5894, 44.5140, 63.6833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2621, 44.6889, 92.3222 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(255, 133, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 246)  
}
```

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(255, 133, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 246) }
```

Border

The CSS property to change the border of an element to XYZ 66.2621, 44.6889, 92.3222 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(255, 133, 246) }
```


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

```
.border{ border-color:rgb(255, 133, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2621, 44.6889, 92.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 246) }
```

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

```
.background{ background-color: rgb(255,  
133, 246) }
```

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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