

Converting Colors

XYZ(80.6425, 54.2226, 63.0237)

Have a look what the booklet for
XYZ(80.6425, 54.2226, 63.0237)
contains.

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Color

**XYZ(61.3976, 44.3280,
61.8201)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8CCB
RGB	255, 140, 203
RGB Percent	100%, 55%, 80%
CMY	0.0000, 0.4510, 0.2039
CMYK	0.00, 0.45, 0.20, 0.00
HSL	327°, 100%, 77%
HSV	327°, 45%, 100%
XYZ	61.3976, 44.3280, 61.8201
YIQ	181.5670, 48.3170, 43.9730

Conversions

Conversions Part 2

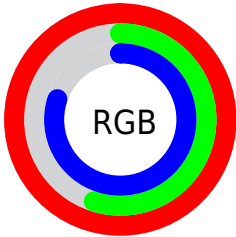
Format	Color
R_{YB}	255, 140, 203
Decimal	16747723
CIE _{Lab}	72.45, 50.98, -13.11
CIE _{LCh}	72, 52.645, 345.575
Yxy	44.3280, 0.3665, 0.2646
Android (android.graphics.Color)	4294937803 (0xFFFF8CCB)
YUV	181.5670, 10.5665, 64.4007
Hunter-Lab	66.5793, 48.0941, -8.4464

Details

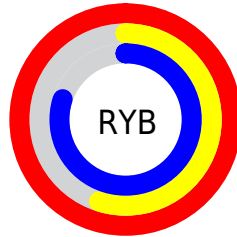
The XYZ color **61.3976, 44.3280, 61.8201** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.0915, 80.9021, 62.5320**, and the grayscale version is **44.1554, 46.4550, 50.5894**.

A 20% lighter version of the original color is **79.0299, 67.9599, 103.5600**, and **31.5176, 20.5613, 30.7413** is the 20% darker color. If you saturate the color by 10%, you get **56.7704, 37.1916, 53.7484**, and if you desaturate by 10%, it is **66.9924, 53.2357, 70.7197**.

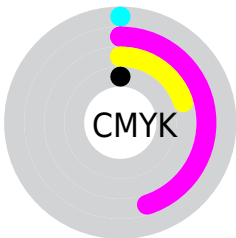
Distribution



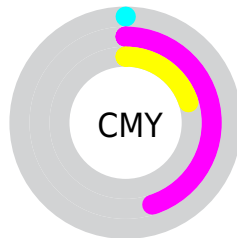
- Red (100%)
- Green (55%)
- Blue (80%)



- Red (100%)
- Yellow (55%)
- Blue (80%)



- Cyan (0%)
- Magenta (45%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3976, 44.3280, 61.8201 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 61.3976, 44.3280, 61.8201 by changing the saturation by 10% instead.

 61.3976, 44.3280,
61.8201


 61.3976, 44.3280,
61.8201


419.4830,
364.0451, 449.2641

 44.7999, 30.9285,
44.4525

 105.9493, 81.7111,
109.0346

 31.5004, 20.5444,
30.6866


 134.6339,
106.4634, 139.7185

 21.1339, 12.7914,
20.1039


168.0783,
135.7688, 175.6783

 13.3349, 7.2850,
12.2857

206.6477,
170.0116, 217.3325

 7.7382, 3.6410,
6.8137

250.7075,
209.5762, 265.0996

 3.9783, 1.4748,
3.2692

300.6231,

 1.6898, 0.2709,

254.8471, 319.3982

1.2337

356.7598,
306.2086, 380.6469

■ 0.4499, 0.0000,
0.0065

■ 0.0000, 0.0000,
0.0000

■ 61.3976, 44.3280,
61.8201

■ 61.3976, 44.3280,
61.8201

■ 56.7704, 37.1916,
53.7484

■ 66.9924, 53.2357,
70.7197

■ 53.0450, 31.6987,
46.4702

■ 73.6084, 64.0190,
80.4740

■ 50.1517, 27.7138,
39.9515

■ 81.2989, 76.7810,
91.1116

■ 48.0087, 25.0768,
34.1533

■ 90.1125, 91.6157,
102.6586

■ 46.5153, 23.5904,
29.0301

95.0500, 100.0000,
108.9000

■ 45.9509, 23.1443,
26.7370

Harmonies

Analogous

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



55.8671, 44.3280, 92.3920



61.3976, 44.3280, 61.8201



61.2812, 44.3280, 36.0501

Triad

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



61.3976, 44.3280, 61.8201



37.6178, 44.3280, 14.3517



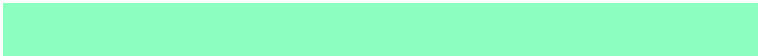
31.0578, 44.3280, 93.4892

Complementary

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



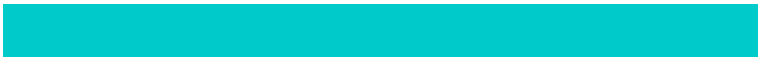
61.3976, 44.3280, 61.8201



56.0915, 80.9021, 62.5320

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.



27.4566, 44.3280, 62.9692



61.3976, 44.3280, 61.8201



30.8563, 44.3280, 21.0499

Square

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



61.3976, 44.3280, 61.8201



46.6319, 44.3280, 14.2364



27.3885, 44.3280, 36.8531



37.9321, 44.3280, 114.6663

Rectangle

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



61.3976, 44.3280, 61.8201



57.9830, 44.3280, 24.6345



27.3885, 44.3280, 36.8531



29.4708, 44.3280, 83.5777

Sweetspot

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



61.3987, 44.3300, 61.8210



82.2087, 78.3032, 92.3316



49.1050, 37.1525, 99.1908



17.2152, 16.1234, 19.2506



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.



61.3987, 44.3300, 61.8210



57.2322, 37.8910, 54.5933



55.7885, 42.0859, 32.2779



18.4257, 18.1536, 20.8591



24.0867, 12.1240, 14.3728



2.4004, 1.2025, 1.6897

Inverse Universe

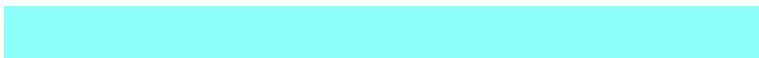
The Inverse Universe completely reimagines the original color for something new.



61.3987, 44.3300, 61.8210



57.2322, 37.8910, 54.5933



63.7143, 83.9512, 102.6735



18.4257, 18.1536, 20.8591



24.0867, 12.1240, 14.3728



2.4004, 1.2025, 1.6897

Previews

White Background



This preview shows how the XYZ color 61.3976, 44.3280, 61.8201 looks on a white background.

Color Contrast Check

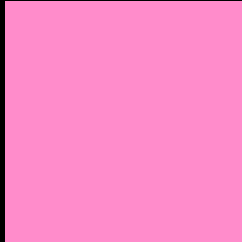
Large Text (above 18pt) WCAG AA × Fail

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 61.3976, 44.3280, 61.8201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

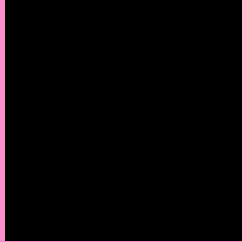
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3976, 44.3280, 61.8201

Background



This preview shows how black text looks on a background with the XYZ color 61.3976, 44.3280, 61.8201.



This preview shows how white text looks on a background with the XYZ color 61.3976, 44.3280,

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

61.3976, 44.3280, 61.8201

Protanopia

45.0460, 44.6514, 79.6432

Deuteranopia

45.5151, 44.4832, 59.0105



Tritanopia

56.8763, 44.5422, 38.8575

Trichromacy



Original Color

61.3976, 44.3280, 61.8201



Protanomaly

49.1721, 43.3146, 72.7867



Deuteranomaly

50.2050, 43.6103, 59.8044



Tritanomaly

58.2602, 44.3878, 46.5713

Monochromacy



Original Color

61.3976, 44.3280, 61.8201



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

49.4075, 44.9104, 54.7797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3976, 44.3280, 61.8201 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, 140, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 203)  
}
```

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, 140, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 203) }
```

Border

The CSS property to change the border of an element to XYZ 61.3976, 44.3280, 61.8201 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, 140, 203) }
```


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

```
.border{ border-color:rgb(255, 140, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3976, 44.3280, 61.8201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 203) }
```

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

```
.background{ background-color: rgb(255,  
140, 203) }
```

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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