

Converting Colors

XYZ(62.1766, 44.6995, 65.7375)

Have a look what the booklet for
XYZ(62.1766, 44.6995, 65.7375)
contains.

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Color

**XYZ(62.1267, 44.6196,
65.6596)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8CD1
RGB	255, 140, 209
RGB Percent	100%, 55%, 82%
CMY	0.0000, 0.4510, 0.1804
CMYK	0.00, 0.45, 0.18, 0.00
HSL	324°, 100%, 77%
HSV	324°, 45%, 100%
XYZ	62.1267, 44.6196, 65.6596
YIQ	182.2510, 46.3910, 45.8390

Conversions

Conversions Part 2

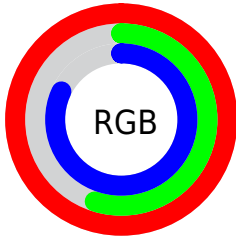
Format	Color
R _Y B	255, 140, 209
Decimal	16747729
CIE Lab	72.64, 51.85, -16.14
CIE LCh	73, 54.309, 342.710
Yxy	44.6196, 0.3604, 0.2588
Android (android.graphics.Color)	4294937809 (0xFFFF8CD1)
YUV	182.2510, 13.1873, 63.8009
Hunter-Lab	66.7979, 49.1211, -11.5211

Details

The XYZ color **62.1267, 44.6196, 65.6596** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.4399, 80.6414, 59.1010**, and the grayscale version is **44.5140, 46.8322, 51.0003**.

A 20% lighter version of the original color is **79.0299, 67.9599, 103.5600**, and **32.0091, 20.7579, 33.3300** is the 20% darker color. If you saturate the color by 10%, you get **57.6003, 37.5235, 58.1183**, and if you desaturate by 10%, it is **67.5994, 53.4785, 73.9163**.

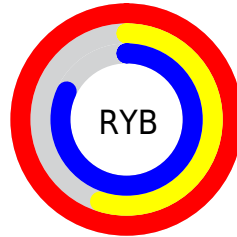
Distribution



Red (100%)

Green (55%)

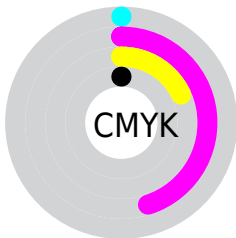
Blue (82%)



Red (100%)

Yellow (55%)

Blue (82%)

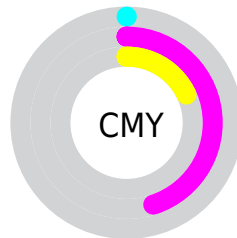


Cyan (0%)

Magenta (45%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1267, 44.6196, 65.6596 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 62.1267, 44.6196, 65.6596 by changing the saturation by 10% instead.


 62.1267, 44.6196,
65.6596

 62.1267, 44.6196,
65.6596


422.1033,
365.2307, 463.5294

 45.3911, 31.1579,
47.5414


 106.9975, 82.1493,
114.6200

 31.9682, 20.7191,
33.1064


 135.8634,
106.9861, 146.2992

 21.4926, 12.9188,
21.9362

169.5035,
136.3833, 183.3359

 13.5991, 7.3727,
13.6122

208.2830,
170.7255, 226.1485

 7.9222, 3.6962,
7.7158

252.5674,
210.3969, 275.1556

 4.0966, 1.5051,
3.8285

302.7220,

 1.7569, 0.2923,

255.7820, 330.7758

1.5317

359.1122,
307.2651, 393.4276

■ 0.4915, 0.0000,
0.2414

■ 0.0000, 0.0000,
0.0000

■ 62.1267, 44.6196,
65.6596

■ 62.1267, 44.6196,
65.6596

■ 57.6003, 37.5235,
58.1183

■ 67.5994, 53.4785,
73.9163

■ 53.9549, 32.0626,
51.2618

■ 74.0713, 64.2041,
82.9117

■ 51.1218, 28.1018,
45.0599

■ 81.5950, 76.8994,
92.6710

■ 49.0198, 25.4812,
39.4779

■ 90.2184, 91.6579,
103.2169

■ 47.5492, 24.0040,
34.4743

95.0500, 100.0000,
108.9000

■ 46.9894, 23.5598,
32.2061

Harmonies

Analogous

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



55.8969, 44.6196, 97.4431



62.1267, 44.6196, 65.6596



62.6104, 44.6196, 38.0555

Triad

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



62.1267, 44.6196, 65.6596



38.5538, 44.6196, 13.5494



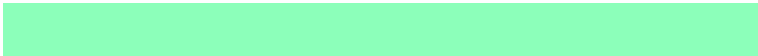
30.4606, 44.6196, 92.8620

Complementary

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



62.1267, 44.6196, 65.6596



55.4399, 80.6414, 59.1010

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.



27.1011, 44.6196, 60.8927



62.1267, 44.6196, 65.6596



31.2876, 44.6196, 19.5981

Square

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



62.1267, 44.6196, 65.6596



48.0148, 44.6196, 14.0119



27.3796, 44.6196, 34.7583



37.2585, 44.6196, 116.7132

Rectangle

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



62.1267, 44.6196, 65.6596



59.5189, 44.6196, 25.6253



27.3796, 44.6196, 34.7583



28.9402, 44.6196, 82.2903

Sweetspot

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



62.1278, 44.6216, 65.6605



82.4852, 78.4138, 93.7875



47.6797, 36.4177, 99.1241



17.2826, 16.1504, 19.6056



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.



62.1278, 44.6216, 65.6605



58.0520, 38.2189, 58.9106



56.2461, 42.2689, 34.6883



18.4670, 18.1701, 21.0764



24.6288, 12.3408, 17.2274



2.4520, 1.2232, 1.9617

Inverse Universe

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



62.1278, 44.6216, 65.6605



58.0520, 38.2189, 58.9106



62.8297, 83.5974, 98.0154



18.4670, 18.1701, 21.0764



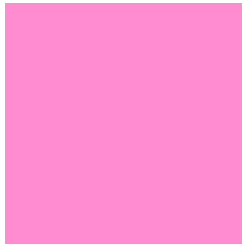
24.6288, 12.3408, 17.2274



2.4520, 1.2232, 1.9617

Previews

White Background



This preview shows how the XYZ color 62.1267, 44.6196, 65.6596 looks on a white background.

Color Contrast Check

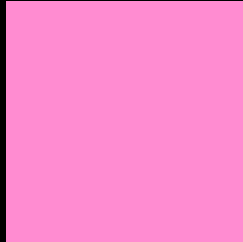
Large Text (above 18pt) WCAG AA × Fail

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 62.1267, 44.6196, 65.6596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

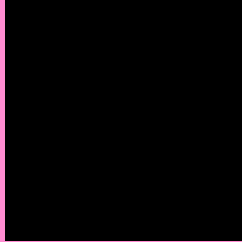
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1267, 44.6196, 65.6596

Background



This preview shows how black text looks on a background with the XYZ color 62.1267, 44.6196, 65.6596.



This preview shows how white text looks on a background with the XYZ color 62.1267, 44.6196,

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

62.1267, 44.6196, 65.6596

Protanopia

45.6777, 45.1713, 84.1534

Deuteranopia

45.6827, 44.7742, 62.7345



Tritanopia

56.7637, 44.7099, 39.3563

Trichromacy



Original Color

62.1267, 44.6196, 65.6596



Protanomaly

49.6310, 43.7229, 77.0577



Deuteranomaly

50.5181, 43.9501, 63.5782



Tritanomaly

58.4596, 44.4676, 47.6214

Monochromacy



Original Color

62.1267, 44.6196, 65.6596



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

49.6276, 44.9985, 55.9391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1267, 44.6196, 65.6596 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 209) }
```

Border

The CSS property to change the border of an element to XYZ 62.1267, 44.6196, 65.6596 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, 209) }
```


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

```
.border{ border-color:rgb(255, 140, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1267, 44.6196, 65.6596 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, 209) }
```

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

```
.background{ background-color: rgb(255,  
140, 209) }
```

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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