

Converting Colors

XYZ(120.2643, 76.3811,
65.0706)

Have a look what the booklet for
XYZ(120.2643, 76.3811, 65.0706)
contains.

XYZ(62.6094, 46.7516, 62.2240)	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(62.6094, 46.7516,
62.2240)**

Conversions

Conversions Part 1

Format	Color
Hex	FF94CB
RGB	255, 148, 203
RGB Percent	100%, 58%, 80%
CMY	0.0000, 0.4196, 0.2039
CMYK	0.00, 0.42, 0.20, 0.00
HSL	329°, 100%, 79%
HSV	329°, 42%, 100%
XYZ	62.6094, 46.7516, 62.2240
YIQ	186.2630, 46.1170, 39.7890

Conversions

Conversions Part 2

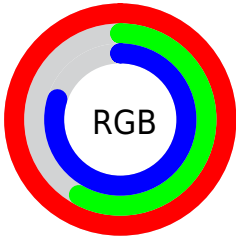
Format	Color
R_{YB}	255, 148, 203
Decimal	16749771
CIE _{Lab}	74.03, 46.98, -10.74
CIE _{LCh}	74, 48.198, 347.119
Yxy	46.7516, 0.3649, 0.2725
Android (android.graphics.Color)	4294939851 (0xFFFF94CB)
YUV	186.2630, 8.2513, 60.2823
Hunter-Lab	68.3751, 43.7915, -6.0936

Details

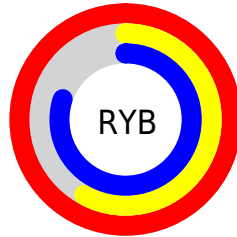
The XYZ color **62.6094, 46.7516, 62.2240** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.3999, 81.9869, 67.3941**, and the grayscale version is **46.7578, 49.1928, 53.5710**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **32.1925, 21.9111, 30.9663** is the 20% darker color. If you saturate the color by 10%, you get **57.6228, 39.0481, 53.5642**, and if you desaturate by 10%, it is **68.5973, 56.2684, 71.8011**.

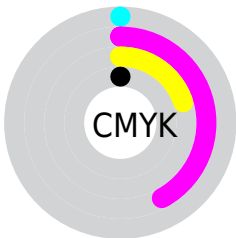
Distribution



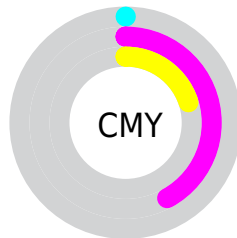
- Red (100%)
- Green (58%)
- Blue (80%)



- Red (100%)
- Yellow (58%)
- Blue (80%)



- Cyan (0%)
- Magenta (42%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6094, 46.7516, 62.2240 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 62.6094, 46.7516, 62.2240 by changing the saturation by 10% instead.


 62.6094, 46.7516,
62.2240


 62.6094, 46.7516,
62.2240


423.8327,
373.8221, 450.7779

 45.7827, 32.8393,
44.7768

 107.6908, 85.3427,
109.6239

 32.2783, 22.0034,
30.9400


 136.6762,
110.7904, 140.4137

 21.7307, 13.8594,
20.2951


170.4453,
140.8519, 176.4881

 13.7747, 8.0229,
12.4235

209.3634,
175.9118, 218.2656

 8.0448, 4.1096,
6.9068

253.7958,
216.3543, 266.1648

 4.1757, 1.7351,
3.3263

304.1079,

 1.8020, 0.4462,

262.5640, 320.6042

1.2636

360.6651,
314.9251, 382.0024

■ 0.5189, 0.0000,
0.0316

■ 0.0000, 0.0000,
0.0000

■ 62.6094, 46.7516,
62.2240

■ 62.6094, 46.7516,
62.2240

■ 57.6228, 39.0481,
53.5642

■ 68.5973, 56.2684,
71.8011

■ 53.5728, 33.0336,
45.7852

■ 75.6390, 67.6995,
82.3246

■ 50.3922, 28.5778,
38.8508

■ 83.7870, 81.1460,
93.8251

■ 48.0025, 25.5286,
32.7205

■ 93.0893, 96.7000,
106.3310

■ 46.3096, 23.7025,
27.3475

95.0500, 100.0000,
108.9000

■ 45.3414, 22.9006,
23.5279

Harmonies

Analogous

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



57.7061, 46.7516, 90.4694



62.6094, 46.7516, 62.2240



62.2120, 46.7516, 38.1837

Triad

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



62.6094, 46.7516, 62.2240



39.7384, 46.7516, 17.7049



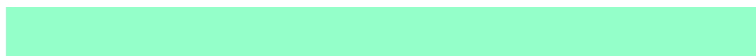
34.0947, 46.7516, 94.1562

Complementary

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



62.6094, 46.7516, 62.2240



58.3999, 81.9869, 67.3941

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.



30.4164, 46.7516, 66.1768



62.6094, 46.7516, 62.2240



33.3743, 46.7516, 24.9751

Square

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



62.6094, 46.7516, 62.2240



48.2302, 46.7516, 17.2598



30.1710, 46.7516, 41.0485



40.8462, 46.7516, 112.5327

Rectangle

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



62.6094, 46.7516, 62.2240



58.9890, 46.7516, 27.3162



30.1710, 46.7516, 41.0485



32.4980, 46.7516, 85.2168

Sweetspot

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



62.6105, 46.7537, 62.2249



82.8850, 79.6483, 92.5806



52.3856, 40.6427, 99.6915



17.3406, 16.3849, 19.2594



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.



62.6105, 46.7537, 62.2249



58.5236, 40.4200, 55.1897



57.3190, 44.6371, 34.3603



18.3992, 18.1430, 20.7191



23.7677, 11.9964, 12.6930



2.3694, 1.1901, 1.5267

Inverse Universe

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



62.6105, 46.7537, 62.2249



58.5236, 40.4200, 55.1897



65.7381, 84.9222, 106.0365



18.3992, 18.1430, 20.7191



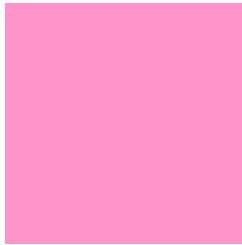
23.7677, 11.9964, 12.6930



2.3694, 1.1901, 1.5267

Previews

White Background



This preview shows how the XYZ color 62.6094, 46.7516, 62.2240 looks on a white background.

Color Contrast Check

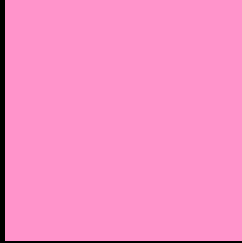
Large Text (above 18pt) WCAG AA × Fail

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 62.6094, 46.7516, 62.2240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

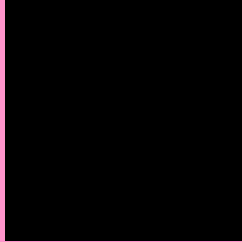
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6094, 46.7516, 62.2240

Background



This preview shows how black text looks on a background with the XYZ color 62.6094, 46.7516, 62.2240.



This preview shows how white text looks on a background with the XYZ color 62.6094, 46.7516,

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

62.6094, 46.7516, 62.2240

Protanopia

47.1277, 47.2546, 77.8713

Deuteranopia

47.9075, 46.8590, 59.9458



Tritanopia

58.3879, 46.7051, 42.0140

Trichromacy



Original Color

62.6094, 46.7516, 62.2240



Protanomaly

51.0695, 45.9422, 71.8217



Deuteranomaly

52.3804, 46.0415, 60.7697



Tritanomaly

59.5098, 46.4066, 48.4687

Monochromacy



Original Color

62.6094, 46.7516, 62.2240



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

51.1309, 47.1597, 56.2770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6094, 46.7516, 62.2240 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, 148, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 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, 148, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 203) }
```

Border

The CSS property to change the border of an element to XYZ 62.6094, 46.7516, 62.2240 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, 148, 203) }
```


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

```
.border{ border-color:rgb(255, 148, 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, 148, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6094, 46.7516, 62.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 203) }
```

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

```
.background{ background-color: rgb(255,  
148, 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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