

Converting Colors

XYZ(74.7176, 53.2724, 60.8405)

Have a look what the booklet for
XYZ(74.7176, 53.2724, 60.8405)
contains.

XYZ(62.4128, 46.9250, 60.4115)	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(62.4128, 46.9250,
60.4115)**

Conversions

Conversions Part 1

Format	Color
Hex	FF95C8
RGB	255, 149, 200
RGB Percent	100%, 58%, 78%
CMY	0.0000, 0.4157, 0.2157
CMYK	0.00, 0.42, 0.22, 0.00
HSL	331°, 100%, 79%
HSV	331°, 42%, 100%
XYZ	62.4128, 46.9250, 60.4115
YIQ	186.5080, 46.8050, 38.3330

Conversions

Conversions Part 2

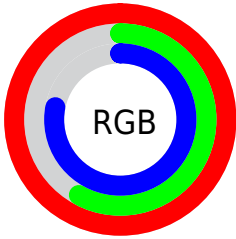
Format	Color
R _Y B	255, 149, 200
Decimal	16750024
CIE Lab	74.14, 46.05, -8.93
CIE LCh	74, 46.907, 349.031
Yxy	46.9250, 0.3677, 0.2764
Android (android.graphics.Color)	4294940104 (0xFFFF95C8)
YUV	186.5080, 6.6516, 60.0675
Hunter-Lab	68.5018, 42.7552, -4.3363

Details

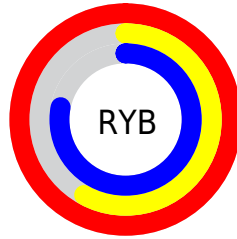
The XYZ color **62.4128, 46.9250, 60.4115** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.0553, 82.2701, 69.8974**, and the grayscale version is **46.9036, 49.3463, 53.7381**.

A 20% lighter version of the original color is **81.1213, 72.1426, 104.2571**, and **32.0455, 21.9955, 29.7507** is the 20% darker color. If you saturate the color by 10%, you get **57.3309, 39.1299, 51.4154**, and if you desaturate by 10%, it is **68.5139, 56.5441, 70.4087**.

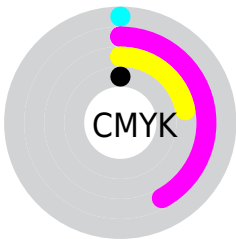
Distribution



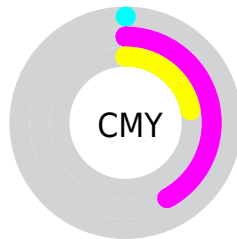
- Red (100%)
- Green (58%)
- Blue (78%)



- Red (100%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (42%)
- Yellow (22%)
- Black (0%)




- Cyan (0%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4128, 46.9250, 60.4115 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 62.4128, 46.9250, 60.4115 by changing the saturation by 10% instead.


 62.4128, 46.9250,
60.4115


 62.4128, 46.9250,
60.4115


423.1289,
374.5151, 443.9596

 45.6232, 32.9764,
43.3229


 107.4085, 85.6017,
106.9756

 32.1519, 22.1083,
29.8053


 136.3453,
111.0985, 137.2882

 21.6337, 13.9365,
19.4401

170.0619,
141.2135, 172.8459

 13.7031, 8.0765,
11.8087

208.9236,
176.3311, 214.0672

 7.9948, 4.1440,
6.4926

253.2958,
216.8356, 261.3707

 4.1434, 1.7544,
3.0733

303.5438,

 1.7836, 0.4585,

263.1115, 315.1749

1.1322

360.0331,
315.5432, 375.8983

■ 0.5077, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4128, 46.9250,
60.4115

■ 62.4128, 46.9250,
60.4115

■ 57.3309, 39.1299,
51.4154

■ 68.5139, 56.5441,
70.4087

■ 53.2032, 33.0346,
43.3806

■ 75.6871, 68.0881,
81.4392

■ 49.9622, 28.5093,
36.2677

■ 83.9854, 81.6579,
93.5366

■ 47.5291, 25.4025,
30.0324

■ 93.4573, 97.3456,
106.7321

■ 45.8097, 23.5320, 95.0500, 100.0000,
24.6243 108.9000

■ 44.7953, 22.6821,
20.6521

Harmonies

Analogous

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



57.9431, 46.9250, 87.8235



62.4128, 46.9250, 60.4115



61.6804, 46.9250, 37.4444

Triad

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



62.4128, 46.9250, 60.4115



39.5382, 46.9250, 18.6510



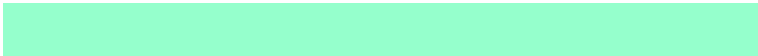
34.8260, 46.9250, 94.5889

Complementary

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



62.4128, 46.9250, 60.4115



59.0553, 82.2701, 69.8974

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.



31.0068, 46.9250, 67.7114



62.4128, 46.9250, 60.4115



33.4821, 46.9250, 26.3677

Square

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



62.4128, 46.9250, 60.4115



47.7457, 46.9250, 17.8044



30.5478, 46.9250, 42.7863



41.5971, 46.9250, 111.2962

Rectangle

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



62.4128, 46.9250, 60.4115



58.3624, 46.9250, 27.1468



30.5478, 46.9250, 42.7863



33.1927, 46.9250, 86.1141

Sweetspot

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



62.4139, 46.9271, 60.4124



83.6013, 81.0258, 92.9891



53.6372, 41.5218, 99.7953



17.6495, 16.9407, 19.5534



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.



62.4139, 46.9271, 60.4124



58.0622, 40.2355, 52.7599



57.6954, 45.4904, 34.1761



18.3734, 18.1327, 20.5835



23.4811, 11.8817, 11.1838



2.3411, 1.1788, 1.3778

Inverse Universe

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



62.4139, 46.9271, 60.4124



58.0622, 40.2355, 52.7599



65.6446, 84.0082, 107.3631



18.3734, 18.1327, 20.5835



23.4811, 11.8817, 11.1838



2.3411, 1.1788, 1.3778

Previews

White Background



This preview shows how the XYZ color 62.4128, 46.9250, 60.4115 looks on a white background.

Color Contrast Check

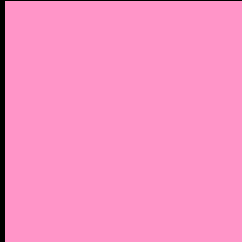
Large Text (above 18pt) WCAG AA × Fail

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 62.4128, 46.9250, 60.4115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

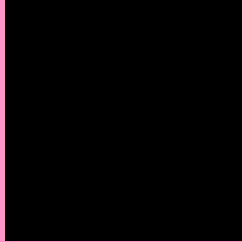
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4128, 46.9250, 60.4115

Background



This preview shows how black text looks on a background with the XYZ color 62.4128, 46.9250, 60.4115.



This preview shows how white text looks on a background with the XYZ color 62.4128, 46.9250,

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

62.4128, 46.9250, 60.4115

Protanopia

47.0306, 47.2669, 75.0513

Deuteranopia

48.0781, 46.9865, 58.1651



Tritanopia

58.8413, 46.9282, 42.5160

Trichromacy



Original Color

62.4128, 46.9250, 60.4115



Protanomaly

50.8268, 45.8765, 69.1270



Deuteranomaly

52.5120, 46.4204, 59.0157



Tritanomaly

60.0359, 46.9198, 48.5400

Monochromacy



Original Color

62.4128, 46.9250, 60.4115



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

51.6094, 47.6900, 56.3541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4128, 46.9250, 60.4115 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, 149, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 200)  
}
```

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, 149, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 200) }
```

Border

The CSS property to change the border of an element to XYZ 62.4128, 46.9250, 60.4115 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, 149, 200) }
```


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

```
.border{ border-color:rgb(255, 149, 200) }
```

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

Here you see how a box with a 4 pixel rgb(255, 149, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4128, 46.9250, 60.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 200) }
```

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

```
.background{ background-color: rgb(255,  
149, 200) }
```

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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