

Converting Colors

XYZ(110.7886, 66.4043,
78.1216)

Have a look what the booklet for
XYZ(110.7886, 66.4043, 78.1216)
contains.

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Color

**XYZ(62.1642, 41.3635,
75.9417)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7DE1
RGB	255, 125, 225
RGB Percent	100%, 49%, 88%
CMY	0.0000, 0.5098, 0.1176
CMYK	0.00, 0.51, 0.12, 0.00
HSL	314°, 100%, 75%
HSV	314°, 51%, 100%
XYZ	62.1642, 41.3635, 75.9417
YIQ	175.2700, 45.3800, 58.6600

Conversions

Conversions Part 2

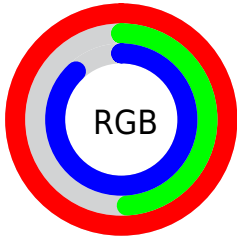
Format	Color
RYB	255, 125, 225
Decimal	16743905
CIELab	70.43, 61.47, -28.35
CIElCh	70, 67.694, 335.242
Yxy	41.3635, 0.3464, 0.2305
Android (android.graphics.Color)	4294933985 (0xFFFF7DE1)
YUV	175.2700, 24.5169, 69.9232
Hunter-Lab	64.3145, 59.9818, -24.9888

Details

The XYZ color **62.1642, 41.3635, 75.9417** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.1354, 78.2473, 43.4739**, and the grayscale version is **40.7492, 42.8713, 46.6869**.

A 20% lighter version of the original color is **76.0179, 61.9359, 102.5560**, and **32.0545, 18.8566, 39.4863** is the 20% darker color. If you saturate the color by 10%, you get **58.5515, 35.4006, 70.8449**, and if you desaturate by 10%, it is **66.6351, 48.9979, 81.4620**.

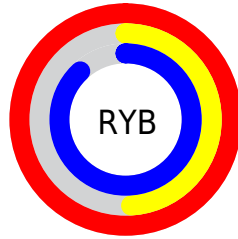
Distribution



Red (100%)

Green (49%)

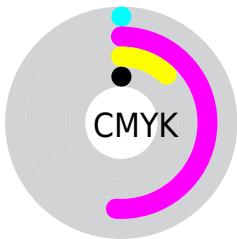
Blue (88%)



Red (100%)

Yellow (49%)

Blue (88%)

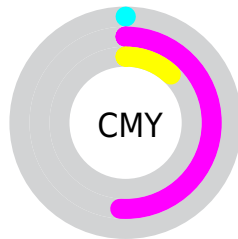


Cyan (0%)

Magenta (51%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1642, 41.3635, 75.9417 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 62.1642, 41.3635, 75.9417 by changing the saturation by 10% instead.


 62.1642, 41.3635,
75.9417


 62.1642, 41.3635,
75.9417


422.2378,
351.8376, 500.4896


 45.4215, 28.6032,
55.8783


 107.0514, 77.2354,
129.4038

 31.9922, 18.7809,
39.7020


 135.9266,
101.1158, 163.6397

 21.5111, 11.5121,
26.9943


 169.5767,
129.4717, 203.4367

 13.6127, 6.4124,
17.3365

208.3670,
162.6875, 249.2136

 7.9317, 3.0974,
10.3102

252.6630,
201.1476, 301.3888

 4.1027, 1.1828,
5.4968

302.8298,

 1.7604, 0.0476,

245.2364, 360.3808

2.4778

359.2330,
295.3382, 426.6082

■ 0.4936, 0.0000,
0.8284

■ 0.0000, 0.0000,
0.0000

■ 62.1642, 41.3635,
75.9417

■ 62.1642, 41.3635,
75.9417

■ 58.5515, 35.4006,
70.8449

■ 66.6351, 48.9979,
81.4620

■ 55.7289, 30.9743,
66.1461

■ 72.0192, 58.4144,
87.4242

■ 53.6227, 27.9376,
61.8200

■ 78.3706, 69.7203,
93.8480

■ 52.1435, 26.1119,
57.8353

■ 85.7382, 83.0129,
100.7509

■ 51.2211, 25.2525,
54.4899

94.1673, 98.3827,
108.1495

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



53.0234, 41.3635, 116.0644



62.1642, 41.3635, 75.9417



64.7511, 41.3635, 39.6594

Triad

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



62.1642, 41.3635, 75.9417



37.3890, 41.3635, 7.3968



24.2804, 41.3635, 90.5501

Complementary

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



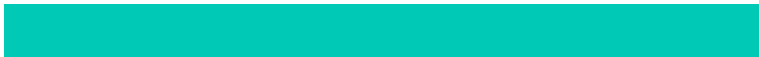
62.1642, 41.3635, 75.9417



50.1354, 78.2473, 43.4739

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.



21.6019, 41.3635, 50.8818



62.1642, 41.3635, 75.9417



28.1995, 41.3635, 11.2075

Square

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



62.1642, 41.3635, 75.9417



48.9901, 41.3635, 9.1320



22.8879, 41.3635, 23.9137



31.0053, 41.3635, 126.9278

Rectangle

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



62.1642, 41.3635, 75.9417



62.0603, 41.3635, 23.6065



22.8879, 41.3635, 23.9137



22.9413, 41.3635, 76.6102

Sweetspot

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



62.1652, 41.3653, 75.9425



82.6496, 77.4214, 97.9156



38.5539, 28.6781, 98.1111



17.3584, 15.9724, 20.6467



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.



62.1652, 41.3653, 75.9425



58.5443, 35.3891, 70.8340



55.0817, 38.5319, 38.6414



18.6028, 18.2244, 21.7914



26.8242, 13.2190, 28.7884



2.6533, 1.3037, 3.0217

Inverse Universe

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



62.1652, 41.3653, 75.9425



58.5443, 35.3891, 70.8340



56.8954, 80.9513, 79.0719



18.6028, 18.2244, 21.7914



26.8242, 13.2190, 28.7884



2.6533, 1.3037, 3.0217

Previews

White Background



This preview shows how the XYZ color 62.1642, 41.3635, 75.9417 looks on a white background.

Color Contrast Check

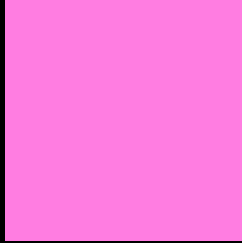
Large Text (above 18pt) WCAG AA × Fail

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 62.1642, 41.3635, 75.9417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

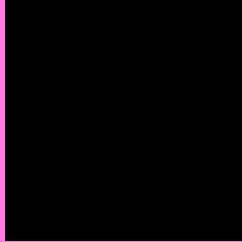
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1642, 41.3635, 75.9417

Background



This preview shows how black text looks on a background with the XYZ color 62.1642, 41.3635, 75.9417.



This preview shows how white text looks on a background with the XYZ color 62.1642, 41.3635,

75.9417.

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

62.1642, 41.3635, 75.9417

Protanopia

43.9263, 41.8987, 100.3798

Deuteranopia

42.4382, 41.4927, 71.4178



Tritanopia

53.6983, 41.3872, 34.8641

Trichromacy



Original Color

62.1642, 41.3635, 75.9417



Protanomaly

47.6519, 39.8332, 90.7650



Deuteranomaly

47.5982, 39.9555, 72.9136



Tritanomaly

56.3652, 41.1870, 47.6269

Monochromacy



Original Color

62.1642, 41.3635, 75.9417



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

46.5844, 40.8016, 55.8723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1642, 41.3635, 75.9417 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, 125, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 225)  
}
```

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, 125, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 225) }
```

Border

The CSS property to change the border of an element to XYZ 62.1642, 41.3635, 75.9417 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, 125, 225) }
```


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

```
.border{ border-color:rgb(255, 125, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1642, 41.3635, 75.9417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 225) }
```

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

```
.background{ background-color: rgb(255,  
125, 225) }
```

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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