

Converting Colors

XYZ(63.1195, 52.8231, 70.6998)

Have a look what the booklet for
XYZ(63.1195, 52.8231, 70.6998)
contains.

XYZ(62.9761, 52.6816, 70.4677)	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(62.9761, 52.6816,
70.4677)**

Conversions

Conversions Part 1

Format	Color
Hex	F1ABD6
RGB	241, 171, 214
RGB Percent	95%, 67%, 84%
CMY	0.0549, 0.3294, 0.1608
CMYK	0.00, 0.29, 0.11, 0.05
HSL	323°, 71%, 81%
HSV	323°, 29%, 95%
XYZ	62.9761, 52.6816, 70.4677
YIQ	196.8320, 27.9170, 28.2130

Conversions

Conversions Part 2

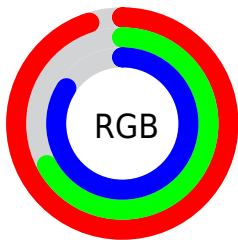
Format	Color
R _Y B	241, 171, 214
Decimal	15838166
CIE Lab	77.69, 32.07, -11.47
CIE LCh	78, 34.063, 340.324
Yxy	52.6816, 0.3384, 0.2830
Android (android.graphics.Color)	4294028246 (0xFFF1ABD6)
YUV	196.8320, 8.4638, 38.7353
Hunter-Lab	72.5821, 27.8575, -6.7554

Details

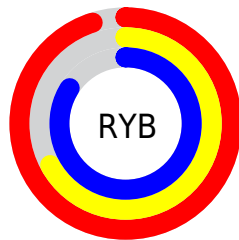
The XYZ color **62.9761, 52.6816, 70.4677** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.4451, 75.6472, 64.9504**, and the grayscale version is **52.9097, 55.6651, 60.6193**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **32.5036, 25.6504, 36.0388** is the 20% darker color. If you saturate the color by 10%, you get **57.6788, 43.9325, 63.0108**, and if you desaturate by 10%, it is **69.1742, 63.1223, 78.5604**.

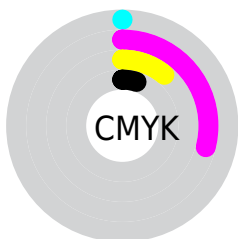
Distribution



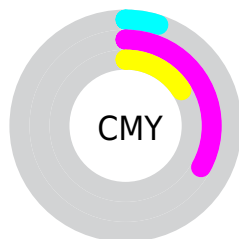
- Red (95%)
- Green (67%)
- Blue (84%)



- Red (95%)
- Yellow (67%)
- Blue (84%)



- Cyan (0%)
- Magenta (29%)
- Yellow (11%)
- Black (5%)





- Cyan (5%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9761, 52.6816, 70.4677 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 62.9761, 52.6816, 70.4677 by changing the saturation by 10% instead.


 62.9761, 52.6816,
70.4677

 62.9761, 52.6816,
70.4677


425.1438,
397.0624, 481.0239

 46.0804, 37.5487,
51.4288


 108.2170, 94.1357,
121.5628

 32.5142, 25.6326,
36.1709


137.2930,
121.2256, 154.4561

 21.9120, 16.5490,
24.2754


171.1599,
153.0700, 192.8046

 13.9085, 9.9134,
15.3240

210.1829,
190.0532, 237.0268

 8.1383, 5.3416,
8.8979

254.7274,
232.5596, 287.5413

 4.2361, 2.4491,
4.5788

305.1588,

 1.8366, 0.8510,

280.9737, 344.7667

1.9479

361.8425,
335.6798, 409.1213

■ 0.5396, 0.0000,
0.5230

■ 0.0000, 0.0000,
0.0000

■ 62.9761, 52.6816,
70.4677

■ 62.9761, 52.6816,
70.4677

■ 57.6788, 43.9325,
63.0108

■ 69.1742, 63.1223,
78.5604

■ 53.2314, 36.7773,
56.1653

■ 76.3112, 75.3314,
87.3052

■ 49.5848, 31.1188,
49.9100

■ 84.4287, 89.3896,
96.7219

■ 46.6828, 26.8467,
44.2202

■ 89.4779, 97.1977,
105.4659

■ 44.4614, 23.8349,
39.0687

■ 90.0859, 97.4409,
108.6677

■ 42.8452, 21.9341,
34.4241

■ 41.7199, 20.9186,
30.2419

■ 41.6242, 20.8402,
29.8613

Harmonies

Analogous

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



58.7275, 52.6816, 89.7139



62.9761, 52.6816, 70.4677



63.6011, 52.6816, 51.1005

Triad

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



62.9761, 52.6816, 70.4677



47.8356, 52.6816, 28.5547



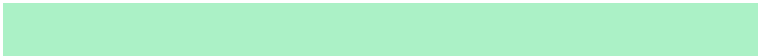
41.0199, 52.6816, 84.1943

Complementary

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



62.9761, 52.6816, 70.4677



58.4451, 75.6472, 64.9504

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.



38.6124, 52.6816, 64.1137



62.9761, 52.6816, 70.4677



42.3122, 52.6816, 33.9046

Square

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



62.9761, 52.6816, 70.4677



54.4609, 52.6816, 29.5274



39.0637, 52.6816, 45.9900



45.9260, 52.6816, 98.7650

Rectangle

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



62.9761, 52.6816, 70.4677



61.8253, 52.6816, 40.9210



39.0637, 52.6816, 45.9900



39.9120, 52.6816, 77.7030

Sweetspot

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



62.9777, 52.6840, 70.4688



86.7679, 85.6643, 99.2691



53.6871, 47.4625, 89.5514



18.3038, 17.8744, 20.9270



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.



62.9777, 52.6840, 70.4688



67.8251, 53.6393, 74.8873



58.9940, 51.0905, 49.4911



16.1809, 15.9221, 18.5086



22.6396, 11.3283, 16.5508



1.9319, 0.9618, 1.6322

Inverse Universe

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



62.9777, 52.6840, 70.4688



67.8251, 53.6393, 74.8873



62.9358, 77.4435, 88.5981



16.1809, 15.9221, 18.5086



22.6396, 11.3283, 16.5508



1.9319, 0.9618, 1.6322

Previews

White Background



This preview shows how the XYZ color 62.9761, 52.6816, 70.4677 looks on a white background.

Color Contrast Check

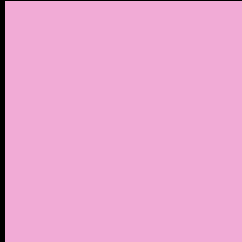
Large Text (above 18pt) WCAG AA × Fail

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 62.9761, 52.6816, 70.4677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

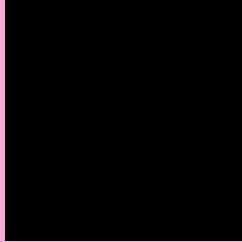
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9761, 52.6816, 70.4677

Background



This preview shows how black text looks on a background with the XYZ color 62.9761, 52.6816, 70.4677.



This preview shows how white text looks on a background with the XYZ color 62.9761, 52.6816,

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

62.9761, 52.6816, 70.4677

Protanopia

52.5035, 53.1219, 80.1594

Deuteranopia

53.8853, 52.8004, 68.9794



Tritanopia

59.7752, 52.5112, 55.1293

Trichromacy



Original Color

62.9761, 52.6816, 70.4677



Protanomaly

55.5021, 52.5340, 76.3220



Deuteranomaly

56.7264, 52.4001, 69.4118



Tritanomaly

60.9257, 52.7000, 60.3871

Monochromacy



Original Color

62.9761, 52.6816, 70.4677



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.2033, 54.4244, 64.0426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9761, 52.6816, 70.4677 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(241, 171, 214)` looks like.

```
.text, #text, p{  
    color:rgb(241, 171, 214)  
}
```

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(241, 171, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 171, 214) }
```

Border

The CSS property to change the border of an element to XYZ 62.9761, 52.6816, 70.4677 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(241, 171, 214) }
```


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

```
.border{ border-color:rgb(241, 171, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 171, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 171, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 171, 214);  
box-shadow:4px 4px 4px 4px rgb(241, 171,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9761, 52.6816, 70.4677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 171, 214) }
```

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

```
.background{ background-color: rgb(241,  
171, 214) }
```

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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