

Converting Colors

XYZ(60.0867, 40.5387, 64.9819)

Have a look what the booklet for
XYZ(60.0867, 40.5387, 64.9819)
contains.

XYZ(60.0822, 40.5307, 64.9781)	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(60.0822, 40.5307,
64.9781)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7DD1
RGB	255, 125, 209
RGB Percent	100%, 49%, 82%
CMY	0.0000, 0.5098, 0.1804
CMYK	0.00, 0.51, 0.18, 0.00
HSL	321°, 100%, 75%
HSV	321°, 51%, 100%
XYZ	60.0822, 40.5307, 64.9781
YIQ	173.4460, 50.5160, 53.6840

Conversions

Conversions Part 2

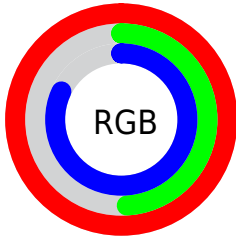
Format	Color
RYB	255, 125, 209
Decimal	16743889
CIELab	69.85, 59.09, -20.37
CIElCh	70, 62.502, 340.976
Yxy	40.5307, 0.3628, 0.2448
Android (android.graphics.Color)	4294933969 (0xFFFF7DD1)
YUV	173.4460, 17.5281, 71.5229
Hunter-Lab	63.6637, 57.0466, -15.9495

Details

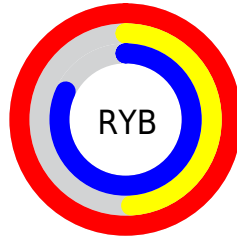
The XYZ color **60.0822, 40.5307, 64.9781** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **51.5698, 78.8210, 51.0273**, and the grayscale version is **39.8446, 41.9197, 45.6505**.

A 20% lighter version of the original color is **75.8139, 61.5277, 102.4880**, and **30.7258, 18.3251, 32.4895** is the 20% darker color. If you saturate the color by 10%, you get **56.1727, 34.4492, 58.3184**, and if you desaturate by 10%, it is **64.8855, 48.2982, 72.2489**.

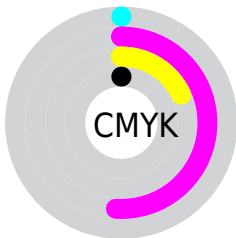
Distribution



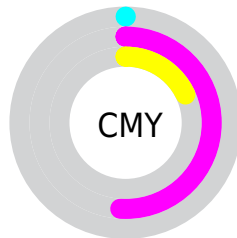
- Red (100%)
- Green (49%)
- Blue (82%)



- Red (100%)
- Yellow (49%)
- Blue (82%)



- Cyan (0%)
- Magenta (51%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (51%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0822, 40.5307, 64.9781 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 60.0822, 40.5307, 64.9781 by changing the saturation by 10% instead.


 60.0822, 40.5307,
64.9781


 60.0822, 40.5307,
64.9781


414.7306,
348.3553, 461.0173


 43.7346, 27.9526,
46.9921

 104.0546, 75.9710,
113.6313

 30.6589, 18.2899,
32.6751


 132.4101, 99.6019,
145.1357

 20.4898, 11.1583,
21.6086


 165.4989,
127.6859, 181.9832

 12.8619, 6.1734,
13.3740


203.6864,
160.6073, 224.5924

 7.4099, 2.9508,
7.5529

247.3380,
198.7506, 273.3819

 3.7683, 1.1061,
3.7265

296.8190,

 1.5719, 0.0000,

242.5001, 328.7702

1.4766

352.4947,
292.2402, 391.1758

■ 0.3740, 0.0000,
0.2004

■ 0.0000, 0.0000,
0.0000

■ 60.0822, 40.5307,
64.9781

■ 60.0822, 40.5307,
64.9781

■ 56.1727, 34.4492,
58.3184

■ 64.8855, 48.2982,
72.2489

■ 53.0881, 29.9181,
52.2403

■ 70.6385, 57.8622,
80.1529

■ 50.7541, 26.7902,
46.7142

■ 77.3957, 69.3304,
88.7139

■ 49.0804, 24.8866,
41.7047

■ 85.2069, 82.8005,
97.9530

■ 48.0102, 23.9681,
37.5814

94.1182, 98.3631,
107.8904

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.



52.7944, 40.5307, 101.2271



60.0822, 40.5307, 64.9781



61.0408, 40.5307, 34.3191

Triad

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



60.0822, 40.5307, 64.9781



34.9246, 40.5307, 8.8552



25.5847, 40.5307, 91.8810

Complementary

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



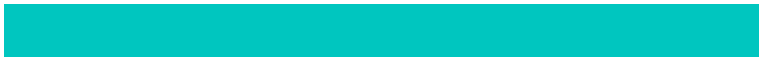
60.0822, 40.5307, 64.9781



51.5698, 78.8210, 51.0273

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.



22.3613, 40.5307, 55.6548



60.0822, 40.5307, 64.9781



27.0878, 40.5307, 13.9488

Square

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



60.0822, 40.5307, 64.9781



45.2431, 40.5307, 9.5695



22.8583, 40.5307, 28.3008



32.5040, 40.5307, 120.8932

Rectangle

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



60.0822, 40.5307, 64.9781



57.8013, 40.5307, 21.1573



22.8583, 40.5307, 28.3008



24.0930, 40.5307, 79.6126

Sweetspot

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



60.0832, 40.5325, 64.9789



81.9352, 77.1356, 94.1538



42.0714, 30.4915, 98.2758



17.1855, 15.9033, 19.7362



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.



60.0832, 40.5325, 64.9789



56.1649, 34.4373, 58.3041



53.6474, 37.9582, 31.0880



18.5037, 18.1848, 21.2698



25.1600, 12.5533, 20.0248



2.5017, 1.2431, 2.2235

Inverse Universe

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



60.0832, 40.5325, 64.9789



56.1649, 34.4373, 58.3041



59.2864, 81.9077, 91.6624



18.5037, 18.1848, 21.2698



25.1600, 12.5533, 20.0248



2.5017, 1.2431, 2.2235

Previews

White Background



This preview shows how the XYZ color 60.0822, 40.5307, 64.9781 looks on a white background.

Color Contrast Check

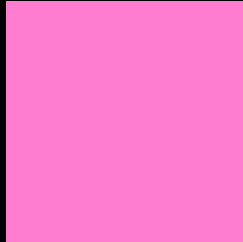
Large Text (above 18pt) WCAG AA × Fail

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 60.0822, 40.5307, 64.9781 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 60.0822, 40.5307, 64.9781

Background



This preview shows how black text looks on a background with the XYZ color 60.0822, 40.5307, 64.9781.

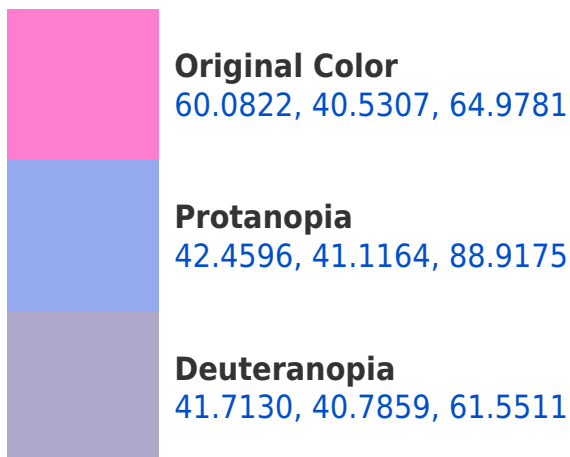


This preview shows how white text looks on a background with the XYZ color 60.0822, 40.5307,

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





Tritanopia

53.5007, 40.4548, 33.0057

Trichromacy



Original Color

60.0822, 40.5307, 64.9781



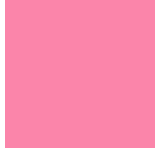
Protanomaly

46.2731, 39.1310, 79.2429



Deuteranomaly

46.8763, 39.5608, 62.9229



Tritanomaly

55.4269, 40.1866, 42.8657

Monochromacy



Original Color

60.0822, 40.5307, 64.9781



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

45.3800, 40.0186, 51.7870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0822, 40.5307, 64.9781 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 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, 125, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 209) }
```

Border

The CSS property to change the border of an element to XYZ 60.0822, 40.5307, 64.9781 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, 209) }
```


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

```
.border{ border-color:rgb(255, 125, 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, 125, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0822, 40.5307, 64.9781 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, 209) }
```

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

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