

Converting Colors

XYZ(42.0703, 39.1213, 65.3061)

Have a look what the booklet for
XYZ(42.0703, 39.1213, 65.3061)
contains.

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Color

**XYZ(41.8605, 38.9258,
64.9817)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A0D0
RGB	176, 160, 208
RGB Percent	69%, 63%, 82%
CMY	0.3098, 0.3725, 0.1843
CMYK	0.15, 0.23, 0.00, 0.18
HSL	260°, 34%, 72%
HSV	260°, 23%, 82%
XYZ	41.8605, 38.9258, 64.9817
YIQ	170.2560, -5.8720, 18.3200

Conversions

Conversions Part 2

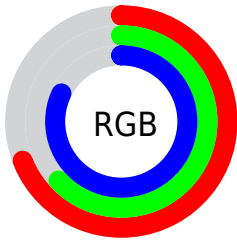
Format	Color
R _Y B	176, 160, 208
Decimal	11575504
CIE Lab	68.70, 15.34, -22.36
CIE LCh	69, 27.113, 304.457
Yxy	38.9258, 0.2872, 0.2670
Android (android.graphics.Color)	4289765584 (0xFFB0A0D0)
YUV	170.2560, 18.6078, 5.0375
Hunter-Lab	62.3905, 10.5799, -18.0790

Details

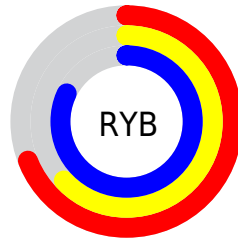
The XYZ color **41.8605, 38.9258, 64.9817** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.6406, 58.8573, 41.9510**, and the grayscale version is **38.2494, 40.2413, 43.8228**.

A 20% lighter version of the original color is **75.6291, 72.9767, 104.7076**, and **19.2807, 17.2360, 32.4477** is the 20% darker color. If you saturate the color by 10%, you get **35.5752, 30.7739, 63.7401**, and if you desaturate by 10%, it is **49.0719, 48.4525, 66.4411**.

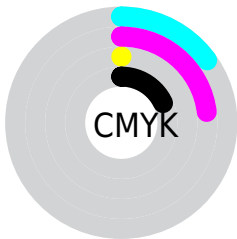
Distribution



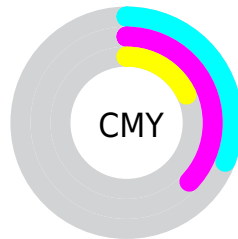
- Red (69%)
- Green (63%)
- Blue (82%)



- Red (69%)
- Yellow (63%)
- Blue (82%)



- Cyan (15%)
- Magenta (23%)
- Yellow (0%)
- Black (18%)



- Cyan (31%)
- Magenta (37%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8605, 38.9258, 64.9817 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 41.8605, 38.9258, 64.9817 by changing the saturation by 10% instead.

■ 41.8605, 38.9258,
64.9817

■ 41.8605, 38.9258,
64.9817

344.9058,
341.5749, 461.0306

■ 29.1827, 26.7020,
46.9950

■ 77.2549, 73.5250,
113.6366

■ 19.3641, 17.3495,
32.6774

■ 100.7023, 96.6691,
145.1418

■ 12.0392, 10.4840,
21.6103

128.4702,
124.2222, 181.9903

■ 6.8428, 5.7210,
13.3753

160.9241,
156.5685, 224.6006

■ 3.4094, 2.6762,
7.5537

198.4292,
194.0926, 273.3913

■ 1.3738, 0.9651,
3.7271

241.3510,

■ 0.2374, 0.0000,

237.1788, 328.7808

1.4768

290.0547,
286.2114, 391.1877

■ 0.0000, 0.0000,
0.2006

■ 0.0000, 0.0000,
0.0000

■ 41.8605, 38.9258,
64.9817

■ 41.8605, 38.9258,
64.9817

■ 35.5752, 30.7739,
63.7401

■ 49.0719, 48.4525,
66.4411

■ 30.1726, 23.9272,
62.7033

■ 57.2426, 59.4097,
68.1254

■ 25.6115, 18.3168,
61.8608

■ 66.4090, 71.8560,
70.0446

■ 21.8454, 13.8657,
61.2002

■ 76.6041, 85.8449,
72.2074

■ 18.8230, 10.4880,
60.7075

■ 84.9193, 95.5474,
73.6419

■ 16.4863, 8.0849,
60.3668

■ 88.3853, 97.3341,
73.8041

■ 14.7666, 6.5385,
60.1590

■ 13.8630, 5.8314,
60.0701

Harmonies

Analogous

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



37.6422, 38.9258, 70.5458



41.8605, 38.9258, 64.9817



44.9449, 38.9258, 53.3996

Triad

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



41.8605, 38.9258, 64.9817



40.6672, 38.9258, 24.4520



29.3730, 38.9258, 44.2449

Complementary

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



41.8605, 38.9258, 64.9817



50.6406, 58.8573, 41.9510

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.



30.0475, 38.9258, 32.9974



41.8605, 38.9258, 64.9817



36.3609, 38.9258, 22.9349

Square

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



41.8605, 38.9258, 64.9817



44.2195, 38.9258, 30.3804



32.5271, 38.9258, 25.7457



30.6086, 38.9258, 57.1932

Rectangle

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



41.8605, 38.9258, 64.9817



45.8239, 38.9258, 44.7049



32.5271, 38.9258, 25.7457



29.3847, 38.9258, 40.1440

Sweetspot

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



41.8617, 38.9274, 64.9826



85.3742, 86.9477, 106.8906



44.9095, 50.0805, 66.9747



18.1029, 18.3813, 22.8438



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.



41.8617, 38.9274, 64.9826



60.9512, 54.6579, 101.9453



47.5635, 41.8668, 65.2494



11.5297, 11.6064, 14.8762



8.7322, 3.6819, 37.4429



0.5717, 0.2489, 2.0975

Inverse Universe

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



48.0989, 42.3589, 55.5118



72.7498, 61.1559, 83.7203



45.2216, 56.0637, 41.6974



12.1363, 11.9393, 13.9935



19.1483, 9.5322, 16.2192



1.1067, 0.5474, 1.0965

Previews

White Background



This preview shows how the XYZ color 41.8605, 38.9258, 64.9817 looks on a white background.

Color Contrast Check

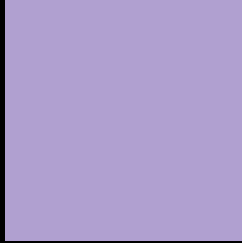
Large Text (above 18pt) WCAG AA × Fail

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 41.8605, 38.9258, 64.9817 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 41.8605, 38.9258, 64.9817

Background



This preview shows how black text looks on a background with the XYZ color 41.8605, 38.9258, 64.9817.



This preview shows how white text looks on a background with the XYZ color 41.8605, 38.9258,

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

41.8605, 38.9258, 64.9817

Protanopia

39.2302, 39.0938, 67.7656

Deuteranopia

39.8478, 38.9484, 64.4491



Tritanopia

38.2856, 38.7825, 47.5874

Trichromacy



Original Color

41.8605, 38.9258, 64.9817

Protanomaly

40.1376, 39.0406, 67.0481

Deuteranomaly

40.5081, 39.0242, 64.4289

Tritanomaly

39.5161, 38.7527, 53.5414

Monochromacy



Original Color

41.8605, 38.9258, 64.9817

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.3012, 39.5038, 50.9010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8605, 38.9258, 64.9817 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(176, 160, 208)` looks like.

```
.text, #text, p{  
    color:rgb(176, 160, 208)  
}
```

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(176, 160, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 160, 208) }
```

Border

The CSS property to change the border of an element to XYZ 41.8605, 38.9258, 64.9817 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(176, 160, 208) }
```


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

```
.border{ border-color:rgb(176, 160, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 160, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 160, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 160, 208); box-shadow:4px 4px 4px 4px rgb(176, 160, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8605, 38.9258, 64.9817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 160, 208) }
```

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

```
.background{ background-color: rgb(176,  
160, 208) }
```

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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