

Converting Colors

XYZ(41.6191, 40.7495, 66.8600)

Have a look what the booklet for
XYZ(41.6191, 40.7495, 66.8600)
contains.

XYZ(41.3879, 40.5061, 66.6098)	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(41.3879, 40.5061,
66.6098)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A7D2
RGB	167, 167, 210
RGB Percent	65%, 65%, 82%
CMY	0.3451, 0.3451, 0.1765
CMYK	0.20, 0.20, 0.00, 0.18
HSL	240°, 32%, 74%
HSV	240°, 20%, 82%
XYZ	41.3879, 40.5061, 66.6098
YIQ	171.9020, -13.8030, 13.3730

Conversions

Conversions Part 2

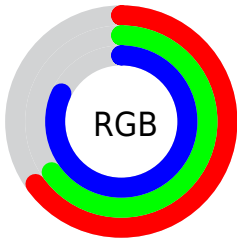
Format	Color
R _Y B	167, 167, 210
Decimal	10987474
CIE Lab	69.83, 9.03, -21.80
CIE LCh	70, 23.597, 292.496
Yxy	40.5061, 0.2787, 0.2728
Android (android.graphics.Color)	4289177554 (0xFFA7A7D2)
YUV	171.9020, 18.7823, -4.2991
Hunter-Lab	63.6444, 4.7007, -17.5014

Details

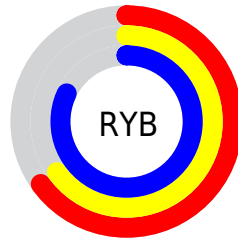
The XYZ color **41.3879, 40.5061, 66.6098** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.6002, 62.5847, 45.6571**, and the grayscale version is **39.0772, 41.1123, 44.7713**.

A 20% lighter version of the original color is **74.6027, 75.1505, 105.1813**, and **18.9866, 18.2054, 33.5236** is the 20% darker color. If you saturate the color by 10%, you get **33.7670, 31.3236, 65.2397**, and if you desaturate by 10%, it is **50.3564, 51.3126, 68.2236**.

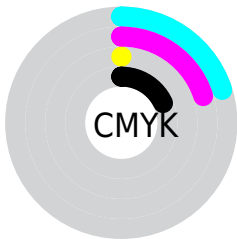
Distribution



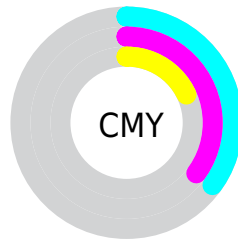
- Red (65%)
- Green (65%)
- Blue (82%)



- Red (65%)
- Yellow (65%)
- Blue (82%)



- Cyan (20%)
- Magenta (20%)
- Yellow (0%)
- Black (18%)



- Cyan (35%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3879, 40.5061, 66.6098 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 41.3879, 40.5061, 66.6098 by changing the saturation by 10% instead.

■ 41.3879, 40.5061,
66.6098

■ 41.3879, 40.5061,
66.6098

342.9742,
348.2521, 467.0182

■ 28.8113, 27.9334,
48.3080

■ 76.5434, 75.9336,
115.9964

■ 19.0817, 18.2754,
33.7091

■ 99.8530, 99.5571,
147.9184

■ 11.8337, 11.1479,
22.3947

127.4710,
127.6330, 185.2174

■ 6.7019, 6.1664,
13.9461

159.7627,
160.5457, 228.3121

■ 3.3211, 2.9465,
7.9449

197.0936,
198.6795, 277.6210

■ 1.3257, 1.1039,
3.9724

239.8288,

■ 0.2024, 0.0000,

242.4190, 333.5626

1.6102

288.3339,
292.1484, 396.5555

■ 0.0000, 0.0000,
0.2981

■ 0.0000, 0.0000,
0.0000

■ 41.3879, 40.5061,
66.6098

■ 41.3879, 40.5061,
66.6098

■ 33.7670, 31.3236,
65.2397

■ 50.3564, 51.3126,
68.2236

■ 27.4250, 23.6819,
64.0990

■ 60.7291, 63.8109,
70.0893

■ 22.2930, 17.4982,
63.1759

■ 72.5641, 78.0711,
72.2181

■ 18.2942, 12.6798,
62.4566

■ 85.9149, 94.1577,
74.6194

■ 15.3427, 9.1235,
61.9257

■ 88.6330, 97.4332,
75.1084

■ 13.3407, 6.7111,
61.5656

■ 12.1718, 5.3026,
61.3554

■ 11.6331, 4.6534,
61.2584

Harmonies

Analogous

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



37.5457, 40.5061, 68.5029



41.3879, 40.5061, 66.6098



44.6448, 40.5061, 58.2365

Triad

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



41.3879, 40.5061, 66.6098



43.1613, 40.5061, 29.3948



31.6482, 40.5061, 41.4059

Complementary

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



41.3879, 40.5061, 66.6098



56.6002, 62.5847, 45.6571

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.



32.9463, 40.5061, 32.4660



41.3879, 40.5061, 66.6098



39.4699, 40.5061, 26.3193

Square

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



41.3879, 40.5061, 66.6098



45.7151, 40.5061, 36.5142



35.7493, 40.5061, 27.3422



32.0867, 40.5061, 52.6794

Rectangle

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



41.3879, 40.5061, 66.6098



45.9616, 40.5061, 50.7592



35.7493, 40.5061, 27.3422



31.8928, 40.5061, 38.0580

Sweetspot

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



41.3892, 40.5077, 66.6107



84.9554, 87.8369, 107.0843



50.5275, 58.9269, 69.2173



17.9594, 18.5301, 22.8801



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.



41.3892, 40.5077, 66.6107



58.2847, 55.7007, 102.2871



46.1381, 42.9554, 66.8329



11.1638, 11.4178, 14.8591



7.0959, 2.8385, 37.3664



0.3968, 0.1587, 2.0893

Inverse Universe

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



47.3731, 44.1301, 42.5822



69.3572, 62.4035, 57.8257



51.0625, 59.7305, 45.3981



11.8088, 11.8083, 12.2690



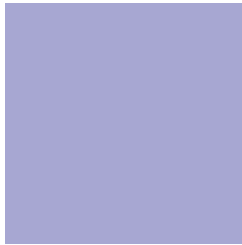
16.2124, 8.3578, 0.7589



0.9065, 0.4673, 0.0425

Previews

White Background



This preview shows how the XYZ color 41.3879, 40.5061, 66.6098 looks on a white background.

Color Contrast Check

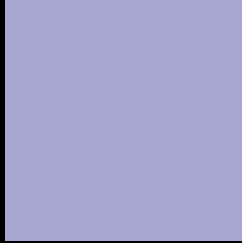
Large Text (above 18pt) WCAG AA × Fail

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 41.3879, 40.5061, 66.6098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

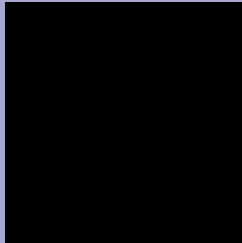
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3879, 40.5061, 66.6098

Background



This preview shows how black text looks on a background with the XYZ color 41.3879, 40.5061, 66.6098.



This preview shows how white text looks on a background with the XYZ color 41.3879, 40.5061,

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

41.3879, 40.5061, 66.6098

Protanopia

40.4430, 40.5527, 67.3239

Deuteranopia

41.3879, 40.5061, 66.6098



Tritanopia

38.2202, 40.3100, 51.6651

Trichromacy



Original Color

41.3879, 40.5061, 66.6098

Protanomaly

40.8648, 40.4949, 67.2905

Deuteranomaly

41.3879, 40.5061, 66.6098

Tritanomaly

39.4222, 40.5370, 56.7856

Monochromacy



Original Color

41.3879, 40.5061, 66.6098

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.8152, 40.8407, 52.2389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3879, 40.5061, 66.6098 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(167, 167, 210)` looks like.

```
.text, #text, p{  
    color:rgb(167, 167, 210)  
}
```

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(167, 167, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 167, 210) }
```

Border

The CSS property to change the border of an element to XYZ 41.3879, 40.5061, 66.6098 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(167, 167, 210) }
```


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

```
.border{ border-color:rgb(167, 167, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 167, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 167, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 167, 210);  
box-shadow:4px 4px 4px 4px rgb(167, 167,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3879, 40.5061, 66.6098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 167, 210) }
```

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

```
.background{ background-color: rgb(167,  
167, 210) }
```

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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