

Converting Colors

XYZ(39.6792, 41.7352, 65.9238)

Have a look what the booklet for
XYZ(39.6792, 41.7352, 65.9238)
contains.

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Color

**XYZ(39.4701, 41.5016,
65.6048)**

Conversions

Conversions Part 1

Format	Color
Hex	98AED0
RGB	152, 174, 208
RGB Percent	60%, 68%, 82%
CMY	0.4039, 0.3176, 0.1843
CMYK	0.27, 0.16, 0.00, 0.18
HSL	216°, 37%, 71%
HSV	216°, 27%, 82%
XYZ	39.4701, 41.5016, 65.6048
YIQ	171.2980, -24.0260, 5.9100

Conversions

Conversions Part 2

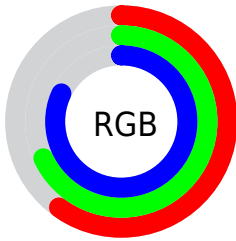
Format	Color
R _{YB}	152, 168, 208
Decimal	10006224
CIE Lab	70.53, 0.08, -19.74
CIE LCh	71, 19.740, 270.220
Yxy	41.5016, 0.2693, 0.2831
Android (android.graphics.Color)	4288196304 (0xFF98AED0)
YUV	171.2980, 18.0941, -16.9243
Hunter-Lab	64.4217, -3.3741, -15.2836

Details

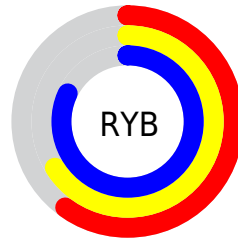
The XYZ color **39.4701, 41.5016, 65.6048** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.2393, 50.7949, 36.9160**, and the grayscale version is **38.7800, 40.7996, 44.4308**.

A 20% lighter version of the original color is **71.8014, 76.5240, 105.5940**, and **18.0478, 18.9615, 33.2806** is the 20% darker color. If you saturate the color by 10%, you get **33.5874, 35.0168, 64.6639**, and if you desaturate by 10%, it is **46.2675, 48.8004, 66.6560**.

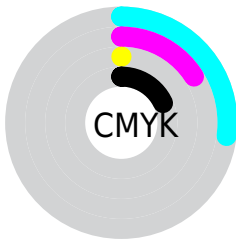
Distribution



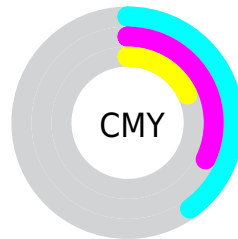
- Red (60%)
- Green (68%)
- Blue (82%)



- Red (60%)
- Yellow (66%)
- Blue (82%)



- Cyan (27%)
- Magenta (16%)
- Yellow (0%)
- Black (18%)



- Cyan (40%)
- Magenta (32%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4701, 41.5016, 65.6048 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 39.4701, 41.5016, 65.6048 by changing the saturation by 10% instead.

■ 39.4701, 41.5016,
65.6048

■ 39.4701, 41.5016,
65.6048

335.0579,
352.4127, 463.3278

■ 27.3080, 28.7112,
47.4972

■ 73.6454, 77.4448,
114.5405

■ 17.9425, 18.8625,
33.0717

■ 96.3893, 101.3663,
146.2057

■ 11.0081, 11.5710,
21.9098

123.3912,
129.7671, 183.2272

■ 6.1396, 6.4522,
13.5930

155.0165,
163.0315, 226.0235

■ 2.9716, 3.1220,
7.7026

191.6304,
201.5438, 275.0132

■ 1.1388, 1.1957,
3.8202

233.5984,

■ 0.0572, 0.0582,

245.6885, 330.6147

1.5272

281.2857,
295.8500, 393.2468

■ 0.0000, 0.0000,
0.2381

■ 0.0000, 0.0000,
0.0000

■ 39.4701, 41.5016,
65.6048

■ 39.4701, 41.5016,
65.6048

■ 33.5874, 35.0168,
64.6639

■ 46.2675, 48.8004,
66.6560

■ 28.5734, 29.3101,
63.8266

■ 54.0148, 56.9374,
67.8183

■ 24.3842, 24.3499,
63.0900

■ 62.7500, 65.9417,
69.0959

■ 20.9696, 20.1003,
62.4497

■ 72.5077, 75.8397,
70.4922

■ 18.2739, 16.5217,
61.9011

■ 82.9511, 86.4657,
71.9927

■ 16.2324, 13.5694,
61.4388

■ 86.7400, 94.0435,
73.2557

■ 14.7620, 11.1885,
61.0567

■ 88.3853, 97.3341,
73.8041

■ 14.3816, 10.5467,
60.9529

Harmonies

Analogous

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



36.4162, 41.5016, 62.6143



39.4701, 41.5016, 65.6048



42.6834, 41.5016, 62.5286

Triad

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



39.4701, 41.5016, 65.6048



45.1097, 41.5016, 36.7473



34.2555, 41.5016, 36.8515

Complementary

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



39.4701, 41.5016, 65.6048



49.2393, 50.7949, 36.9160

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.



36.3767, 41.5016, 31.3924



39.4701, 41.5016, 65.6048



42.6394, 41.5016, 31.3384

Square

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



39.4701, 41.5016, 65.6048



46.0469, 41.5016, 45.1193



39.4220, 41.5016, 29.5189



33.5082, 41.5016, 45.2572

Rectangle

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



39.4701, 41.5016, 65.6048



44.4581, 41.5016, 57.6651



39.4220, 41.5016, 29.5189



34.8256, 41.5016, 34.6548

Sweetspot

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



39.4714, 41.5033, 65.6058



84.1145, 88.6851, 107.2924



44.3261, 55.3162, 54.5735



17.5884, 18.5484, 22.9031



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.



39.4714, 41.5033, 65.6058



57.3136, 60.0328, 103.1745



36.6364, 34.2402, 64.3533



11.5392, 12.1687, 14.9843



9.0513, 6.7492, 38.0182



0.5825, 0.5302, 2.1512

Inverse Universe

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



44.8817, 38.9235, 45.1937



67.3354, 55.7308, 65.2571



52.6897, 59.9919, 38.5094



11.9983, 11.8841, 13.2670



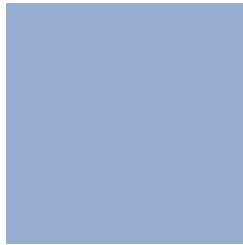
17.1994, 8.7526, 5.9562



1.0002, 0.5048, 0.5361

Previews

White Background



This preview shows how the XYZ color 39.4701, 41.5016, 65.6048 looks on a white background.

Color Contrast Check

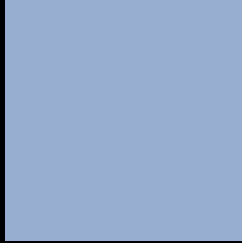
Large Text (above 18pt) WCAG AA × Fail

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 39.4701, 41.5016, 65.6048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

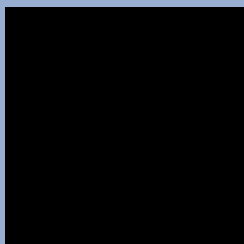
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4701, 41.5016, 65.6048

Background



This preview shows how black text looks on a background with the XYZ color 39.4701, 41.5016, 65.6048.



This preview shows how white text looks on a background with the XYZ color 39.4701, 41.5016,

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

39.4701, 41.5016, 65.6048

Protanopia

41.2205, 41.5814, 64.2460

Deuteranopia

42.0888, 41.1548, 66.0469



Tritanopia

37.3389, 41.5018, 55.3329

Trichromacy



Original Color

39.4701, 41.5016, 65.6048

Protanomaly

40.5122, 41.4836, 64.9034

Deuteranomaly

40.9876, 41.1394, 66.1020

Tritanomaly

37.9978, 41.4714, 58.8254

Monochromacy



Original Color

39.4701, 41.5016, 65.6048

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.7141, 40.8583, 51.1934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4701, 41.5016, 65.6048 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(152, 174, 208)` looks like.

```
.text, #text, p{  
    color:rgb(152, 174, 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(152, 174, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 174, 208) }
```

Border

The CSS property to change the border of an element to XYZ 39.4701, 41.5016, 65.6048 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(152, 174, 208) }
```


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

```
.border{ border-color:rgb(152, 174, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 174, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 174, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 174, 208);  
box-shadow:4px 4px 4px 4px rgb(152, 174,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4701, 41.5016, 65.6048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 174, 208) }
```

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

```
.background{ background-color: rgb(152,  
174, 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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