

Converting Colors

XYZ(39.8014, 42.5062, 64.2754)

Have a look what the booklet for
XYZ(39.8014, 42.5062, 64.2754)
contains.

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Color

**XYZ(39.8116, 42.5759,
64.5122)**

Conversions

Conversions Part 1

Format	Color
Hex	98B1CE
RGB	152, 177, 206
RGB Percent	60%, 69%, 81%
CMY	0.4039, 0.3059, 0.1922
CMYK	0.26, 0.14, 0.00, 0.19
HSL	212°, 36%, 70%
HSV	212°, 26%, 81%
XYZ	39.8116, 42.5759, 64.5122
YIQ	172.8310, -24.2090, 3.7190

Conversions

Conversions Part 2

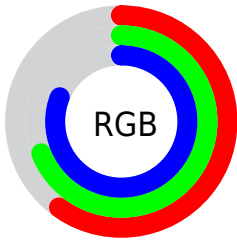
Format	Color
R_{YB}	152, 169, 206
Decimal	10006990
CIE _{Lab}	71.27, -2.04, -17.52
CIE _{LCh}	71, 17.640, 263.352
Yxy	42.5759, 0.2710, 0.2898
Android (android.graphics.Color)	4288197070 (0xFF98B1CE)
YUV	172.8310, 16.3523, -18.2688
Hunter-Lab	65.2502, -5.2783, -12.9443

Details

The XYZ color **39.8116, 42.5759, 64.5122** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **47.6455, 48.4368, 36.5449**, and the grayscale version is **39.5637, 41.6240, 45.3286**.

A 20% lighter version of the original color is **72.9210, 78.7632, 105.9672**, and **18.2566, 19.6436, 32.5351** is the 20% darker color. If you saturate the color by 10%, you get **34.1888, 36.5648, 63.6490**, and if you desaturate by 10%, it is **46.2839, 49.2899, 65.4677**.

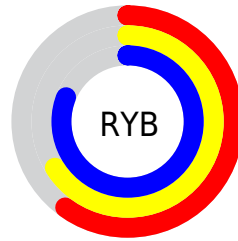
Distribution



Red (60%)

Green (69%)

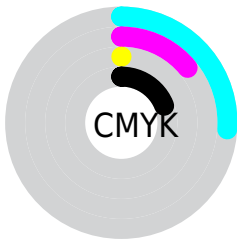
Blue (81%)



Red (60%)

Yellow (66%)

Blue (81%)

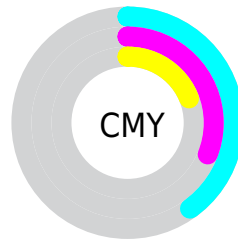


Cyan (26%)

Magenta (14%)

Yellow (0%)

Black (19%)



Cyan (40%)

Magenta (31%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8116, 42.5759, 64.5122 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 39.8116, 42.5759, 64.5122 by changing the saturation by 10% instead.

■ 39.8116, 42.5759,
64.5122

■ 39.8116, 42.5759,
64.5122

336.4769,
356.8647, 459.2951

■ 27.5752, 29.5525,
46.6168

■ 74.1627, 79.0705,
112.9548

■ 18.1445, 19.4992,
32.3807

■ 97.0082, 103.3105,
144.3391

■ 11.1541, 12.0315,
21.3852

124.1207,
132.0581, 181.0568

■ 6.2386, 6.7651,
13.2119

155.8656,
165.6978, 223.5265

■ 3.0328, 3.3157,
7.4422

192.6084,
204.6139, 272.1666

■ 1.1711, 1.2987,
3.6575

234.7143,

■ 0.0834, 0.1402,

249.1908, 327.3957

1.4394

282.5487,
299.8130, 389.6323

■ 0.0000, 0.0000,
0.1722

■ 0.0000, 0.0000,
0.0000

■ 39.8116, 42.5759,
64.5122

■ 39.8116, 42.5759,
64.5122

■ 34.1888, 36.5648,
63.6490

■ 46.2839, 49.2899,
65.4677

■ 29.3726, 31.2253,
62.8722

■ 53.6377, 56.7263,
66.5155

■ 25.3223, 26.5310,
62.1796

■ 61.9085, 64.9102,
67.6592

■ 21.9918, 22.4514,
61.5677

■ 71.1282, 73.8637,
68.9015

■ 19.3292, 18.9527,
61.0327

■ 81.3262, 83.6073,
70.2447

■ 17.2747, 15.9970,
60.5705

■ 84.5445, 90.0439,
71.3175

■ 15.7541, 13.5381,
60.1760

■ 87.9624, 96.8797,
72.4568

■ 15.2670, 12.7088,
60.0416

■ 88.1407, 97.2363,
72.5162

Harmonies

Analogous

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



37.1631, 42.5759, 60.7086



39.8116, 42.5759, 64.5122



42.7660, 42.5759, 62.9961

Triad

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



39.8116, 42.5759, 64.5122



45.9222, 42.5759, 40.1907



36.0691, 42.5759, 37.2908

Complementary

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



39.8116, 42.5759, 64.5122



47.6455, 48.4368, 36.5449

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.



38.2522, 42.5759, 32.9421



39.8116, 42.5759, 64.5122



43.9614, 42.5759, 34.4682

Square

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



39.8116, 42.5759, 64.5122



46.3895, 42.5759, 48.2712



41.1298, 42.5759, 31.9755



35.0716, 42.5759, 44.4958

Rectangle

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



39.8116, 42.5759, 64.5122



44.5025, 42.5759, 59.2534



41.1298, 42.5759, 31.9755



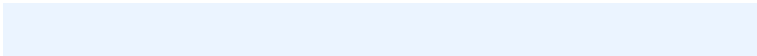
36.6833, 42.5759, 35.4839

Sweetspot

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



39.8129, 42.5776, 64.5132



84.5433, 89.5427, 107.4353



43.3411, 54.1469, 51.7766



17.6961, 18.7639, 22.9391



0.0000, 0.0000, 0.0000



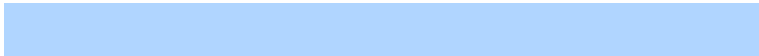
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.8129, 42.5776, 64.5132



59.6243, 63.8065, 103.7811



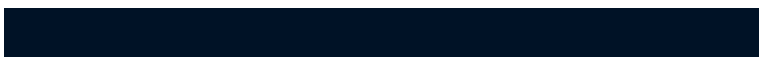
35.6582, 33.7642, 63.0310



11.0227, 11.6857, 14.2450



9.4958, 8.0156, 37.0030



0.5655, 0.5648, 1.9342

Inverse Universe

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



44.6187, 38.7537, 46.7254



68.7087, 57.0723, 70.0462



52.6963, 59.2761, 38.3709



11.4248, 11.2987, 12.7716



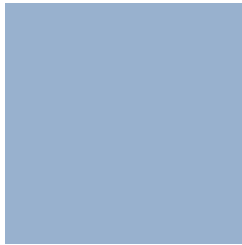
17.0040, 8.6122, 7.7395



0.9154, 0.4596, 0.6003

Previews

White Background



This preview shows how the XYZ color 39.8116, 42.5759, 64.5122 looks on a white background.

Color Contrast Check

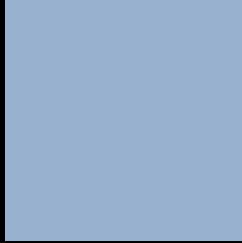
Large Text (above 18pt) WCAG AA × Fail

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 39.8116, 42.5759, 64.5122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

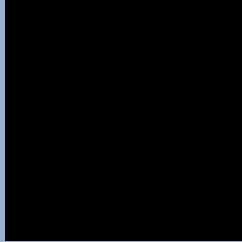
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

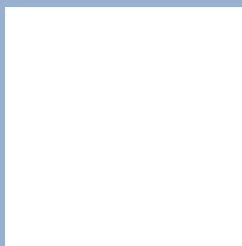
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.8116, 42.5759, 64.5122

Background



This preview shows how black text looks on a background with the XYZ color 39.8116, 42.5759, 64.5122.



This preview shows how white text looks on a background with the XYZ color 39.8116, 42.5759,

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

39.8116, 42.5759, 64.5122

Protanopia

41.8715, 42.5238, 62.5010

Deuteranopia

43.3164, 42.3684, 64.9264



Tritanopia

38.1402, 42.4800, 56.6413

Trichromacy



Original Color

39.8116, 42.5759, 64.5122

Protanomaly

40.9354, 42.3131, 63.1365

Deuteranomaly

42.1424, 42.6076, 65.0344

Tritanomaly

38.6911, 42.4020, 59.5713

Monochromacy



Original Color

39.8116, 42.5759, 64.5122

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.4101, 41.7742, 51.8850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8116, 42.5759, 64.5122 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, 177, 206)` looks like.

```
.text, #text, p{  
    color:rgb(152, 177, 206)  
}
```

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, 177, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 177, 206) }
```

Border

The CSS property to change the border of an element to XYZ 39.8116, 42.5759, 64.5122 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, 177, 206) }
```


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

```
.border{ border-color:rgb(152, 177, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 177, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 177, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 177, 206);  
box-shadow:4px 4px 4px 4px rgb(152, 177,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8116, 42.5759, 64.5122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 177, 206) }
```

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

```
.background{ background-color: rgb(152,  
177, 206) }
```

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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