

Converting Colors

XYZ(41.1013, 50.4469, 79.7510)

Have a look what the booklet for
XYZ(41.1013, 50.4469, 79.7510)
contains.

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Color

**XYZ(41.1697, 50.6438,
79.5569)**

Conversions

Conversions Part 1

Format	Color
Hex	6FC9E2
RGB	111, 201, 226
RGB Percent	44%, 79%, 89%
CMY	0.5647, 0.2118, 0.1137
CMYK	0.51, 0.11, 0.00, 0.11
HSL	193°, 66%, 66%
HSV	193°, 51%, 89%
XYZ	41.1697, 50.6438, 79.5569
YIQ	176.9400, -61.6650, -11.3050

Conversions

Conversions Part 2

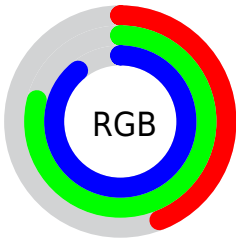
Format	Color
R_{YB}	111, 161, 226
Decimal	7326178
CIE _{Lab}	76.46, -20.23, -20.72
CIE _{LCh}	76, 28.960, 225.677
Yxy	50.6438, 0.2402, 0.2955
Android (android.graphics.Color)	4285516258 (0xFF6FC9E2)
YUV	176.9400, 24.1866, -57.8294
Hunter-Lab	71.1645, -21.2729, -16.4670

Details

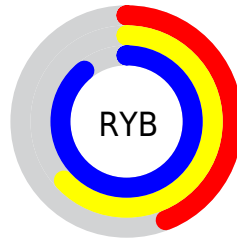
The XYZ color **41.1697, 50.6438, 79.5569** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **43.0387, 34.9262, 19.5136**, and the grayscale version is **41.6602, 43.8298, 47.7307**.

A 20% lighter version of the original color is **70.1722, 87.1750, 107.7357**, and **19.0033, 24.4361, 42.2431** is the 20% darker color. If you saturate the color by 10%, you get **37.5510, 47.1062, 79.0657**, and if you desaturate by 10%, it is **45.5476, 54.6293, 80.0964**.

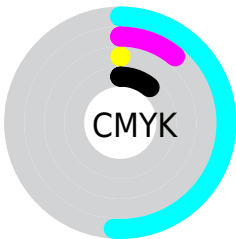
Distribution



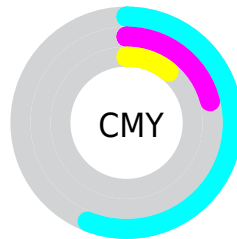
- Red (44%)
- Green (79%)
- Blue (89%)



- Red (44%)
- Yellow (63%)
- Blue (89%)



- Cyan (51%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (56%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1697, 50.6438, 79.5569 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 41.1697, 50.6438, 79.5569 by changing the saturation by 10% instead.

■ 41.1697, 50.6438,
79.5569

■ 41.1697, 50.6438,
79.5569

342.0799,
389.1783, 513.1056

■ 28.6400, 35.9252,
58.8298

■ 76.2145, 91.1280,
134.5483

■ 18.9515, 24.3764,
42.0570

■ 99.4603, 117.6625,
169.6497

■ 11.7391, 15.6131,
28.8200

■ 127.0088,
148.9043, 210.3796

■ 6.6372, 9.2508,
18.7003

159.2254,
185.2379, 257.1566

■ 3.2806, 4.9051,
11.2793

196.4755,
227.0477, 310.3991

■ 1.3038, 2.1917,
6.1385

239.1243,

■ 0.1861, 0.7155,

274.7181, 370.5258

2.8593

287.5373,
328.6335, 437.9551

■ 0.0000, 0.0000,
1.0233

■ 0.0000, 0.0000,
0.0000

■ 41.1697, 50.6438,
79.5569

■ 41.1697, 50.6438,
79.5569

■ 37.5510, 47.1062,
79.0657

■ 45.5476, 54.6293,
80.0964

■ 34.6308, 43.9816,
78.6165


■ 50.7296, 59.0831,
80.6829


■ 32.3472, 41.2385,
78.2074

■ 56.7630, 64.0312,
81.3200


■ 30.6241, 38.8371,
77.8347


■ 63.6898, 69.4957,
82.0097


 29.4246, 36.8850,
77.5211

 71.5490, 75.4972,
82.7538

 80.3775, 82.0552,
83.5544

 84.7887, 86.3933,
84.1592

 86.2180, 89.2517,
84.6356

 87.6864, 92.1886,
85.1251

Harmonies

Analogous

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



38.7229, 50.6438, 63.6679



41.1697, 50.6438, 79.5569



45.5859, 50.6438, 89.6859

Triad

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



41.1697, 50.6438, 79.5569



59.0350, 50.6438, 62.9162



45.3554, 50.6438, 30.9742

Complementary

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



41.1697, 50.6438, 79.5569



43.0387, 34.9262, 19.5136

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.



50.7783, 50.6438, 30.8493



41.1697, 50.6438, 79.5569



58.9616, 50.6438, 47.4143

Square

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



41.1697, 50.6438, 79.5569



56.0393, 50.6438, 78.9177



55.8456, 50.6438, 36.3163



41.0120, 50.6438, 36.6976

Rectangle

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



41.1697, 50.6438, 79.5569



49.1808, 50.6438, 90.7784



55.8456, 50.6438, 36.3163



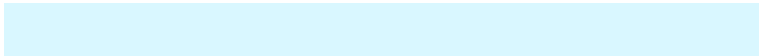
47.1049, 50.6438, 30.3182

Sweetspot

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



41.1713, 50.6457, 79.5581



79.7556, 88.2625, 107.4405



38.1913, 59.5486, 32.7444



16.6589, 18.5664, 22.9556



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.



41.1713, 50.6457, 79.5581



49.1505, 61.7093, 103.9283



30.1948, 28.6928, 75.8993



13.8505, 15.0402, 17.5607



16.8772, 21.2240, 44.2555



1.2333, 1.5981, 3.0887

Inverse Universe

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



47.5925, 31.7563, 58.8815



58.8205, 35.4996, 72.2886



53.3968, 55.6423, 22.9663



14.1608, 13.8819, 16.6168



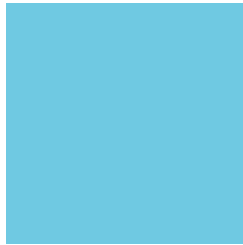
22.4590, 11.0506, 24.8808



1.5888, 0.7788, 1.8934

Previews

White Background



This preview shows how the XYZ color 41.1697, 50.6438, 79.5569 looks on a white background.

Color Contrast Check

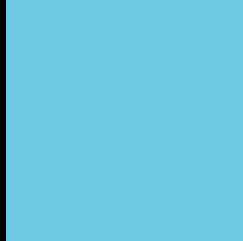
Large Text (above 18pt) WCAG AA × Fail

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 41.1697, 50.6438, 79.5569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

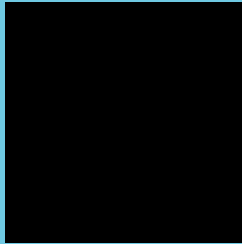
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1697, 50.6438, 79.5569

Background



This preview shows how black text looks on a background with the XYZ color 41.1697, 50.6438, 79.5569.



This preview shows how white text looks on a background with the XYZ color 41.1697, 50.6438,

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

41.1697, 50.6438, 79.5569

Protanopia

49.2450, 50.0208, 72.0252

Deuteranopia

51.4310, 50.3084, 81.8627



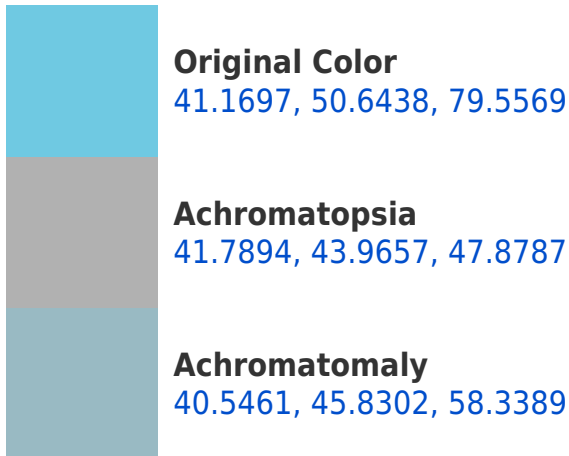
Tritanopia

40.0911, 50.5437, 74.6607

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1697, 50.6438, 79.5569 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(111, 201, 226)` looks like.

```
.text, #text, p{  
    color:rgb(111, 201, 226)  
}
```

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(111, 201, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 201, 226) }
```

Border

The CSS property to change the border of an element to XYZ 41.1697, 50.6438, 79.5569 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(111, 201, 226) }
```


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

```
.border{ border-color:rgb(111, 201, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 201, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 201, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 201, 226);  
box-shadow:4px 4px 4px 4px rgb(111, 201,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1697, 50.6438, 79.5569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 201, 226) }
```

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

```
.background{ background-color: rgb(111,  
201, 226) }
```

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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