

Converting Colors

XYZ(40.7530, 44.7508, 61.9371)

Have a look what the booklet for
XYZ(40.7530, 44.7508, 61.9371)
contains.

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Color

**XYZ(40.5970, 44.5430,
61.7163)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB6C9
RGB	154, 182, 201
RGB Percent	60%, 71%, 79%
CMY	0.3961, 0.2863, 0.2118
CMYK	0.23, 0.09, 0.00, 0.21
HSL	204°, 30%, 70%
HSV	204°, 23%, 79%
XYZ	40.5970, 44.5430, 61.7163
YIQ	175.7940, -22.7870, -0.0270

Conversions

Conversions Part 2

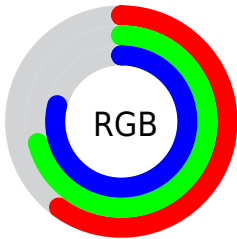
Format	Color
RYB	154, 172, 201
Decimal	10139337
CIELab	72.59, -5.30, -12.78
CIELCh	73, 13.833, 247.454
Yxy	44.5430, 0.2764, 0.3033
Android (android.graphics.Color)	4288329417 (0xFF9AB6C9)
YUV	175.7940, 12.4266, -19.1133
Hunter-Lab	66.7405, -8.2178, -8.1083

Details

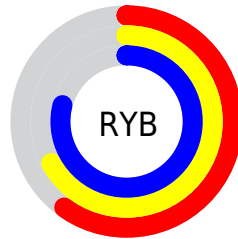
The XYZ color **40.5970, 44.5430, 61.7163** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.8642, 44.6379, 36.8242**, and the grayscale version is **41.1065, 43.2473, 47.0963**.

A 20% lighter version of the original color is **74.9190, 81.9244, 106.4721**, and **18.5962, 20.6319, 30.6060** is the 20% darker color. If you saturate the color by 10%, you get **35.4714, 39.5028, 61.0143**, and if you desaturate by 10%, it is **46.4624, 50.1101, 62.4825**.

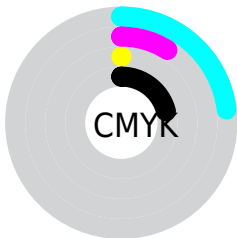
Distribution



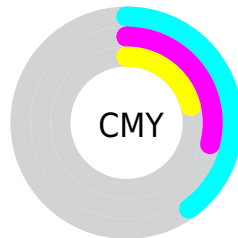
- Red (60%)
- Green (71%)
- Blue (79%)



- Red (60%)
- Yellow (67%)
- Blue (79%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (40%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5970, 44.5430, 61.7163 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 40.5970, 44.5430, 61.7163 by changing the saturation by 10% instead.

■ 40.5970, 44.5430,
61.7163

■ 40.5970, 44.5430,
61.7163

339.7249,
364.9195, 448.8745

■ 28.1906, 31.0976,
44.3692

■ 75.3503, 82.0342,
108.8830

■ 18.6106, 20.6732,
30.6215

■ 98.4280, 106.8488,
139.5397

■ 11.4916, 12.8853,
20.0548

125.7934,
136.2220, 175.4700

■ 6.4682, 7.3496,
12.2504

157.8120,
170.5380, 217.0925

■ 3.1752, 3.6817,
6.7898

194.8491,
210.1814, 264.8256

■ 1.2471, 1.4972,
3.2546

237.2700,

■ 0.1430, 0.2867,

255.5366, 319.0880

1.2260

285.4402,
306.9878, 380.2981

■ 0.0000, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 40.5970, 44.5430,
61.7163

■ 40.5970, 44.5430,
61.7163

■ 35.4714, 39.5028,
61.0143

■ 46.4624, 50.1101,
62.4825

■ 31.0481, 34.9645,
60.3715

■ 53.0949, 56.2172,
63.3117

■ 27.2921, 30.9087,
59.7866

■ 60.5251, 62.8836,
64.2068

■ 24.1638, 27.3123,
59.2573

■ 68.7808, 70.1256,
65.1695

■ 21.6185, 24.1498,
58.7810

■ 77.8883, 77.9592,
66.2016

■ 19.6055, 21.3923,
58.3549

■ 80.2892, 82.4901,
66.9495

■ 18.0634, 19.0054,
57.9754

■ 82.6131, 87.1378,
67.7242

■ 17.2297, 17.5911,
57.7464

■ 85.0438, 91.9993,
68.5344

■ 87.5428, 96.9971,
69.3674

Harmonies

Analogous

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



38.7883, 44.5430, 56.9627



40.5970, 44.5430, 61.7163



42.9365, 44.5430, 62.7741

Triad

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



40.5970, 44.5430, 61.7163



47.0649, 44.5430, 46.8102



39.5999, 44.5430, 38.7731

Complementary

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



40.5970, 44.5430, 61.7163



44.8642, 44.6379, 36.8242

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.



41.7427, 44.5430, 36.5720



40.5970, 44.5430, 61.7163



46.0954, 44.5430, 40.9195

Square

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



40.5970, 44.5430, 61.7163



46.7300, 44.5430, 53.7297



44.1256, 44.5430, 37.3191



38.2279, 44.5430, 43.6207

Rectangle

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



40.5970, 44.5430, 61.7163



44.4937, 44.5430, 61.1579



44.1256, 44.5430, 37.3191



40.2507, 44.5430, 37.7211

Sweetspot

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



40.5983, 44.5448, 61.7173



86.5265, 92.2529, 107.8539



41.7374, 51.6536, 47.2051



18.3698, 19.6078, 23.0664



0.0000, 0.0000, 0.0000



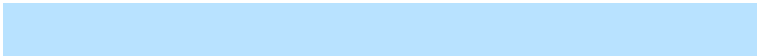
20.3446, 21.4041, 23.3091

Same Dimension

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



40.5983, 44.5448, 61.7173



64.9558, 71.8296, 105.0487



36.2166, 35.7813, 60.2567



10.5732, 11.3205, 13.5453



10.9251, 11.2440, 36.3389



0.5870, 0.6718, 1.7439

Inverse Universe

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



44.0876, 38.9072, 49.4442



72.0441, 60.8737, 80.0045



49.7286, 54.3668, 38.4457



10.8946, 10.7412, 12.4283



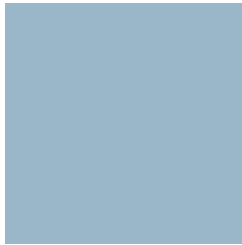
17.3138, 8.6751, 12.1282



0.8550, 0.4248, 0.7596

Previews

White Background



This preview shows how the XYZ color 40.5970, 44.5430, 61.7163 looks on a white background.

Color Contrast Check

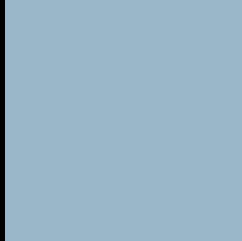
Large Text (above 18pt) WCAG AA × Fail

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 40.5970, 44.5430, 61.7163 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

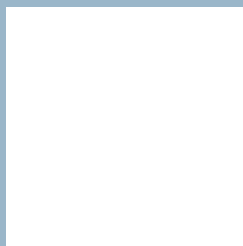
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.5970, 44.5430, 61.7163

Background



This preview shows how black text looks on a background with the XYZ color 40.5970, 44.5430, 61.7163.



This preview shows how white text looks on a background with the XYZ color 40.5970, 44.5430,

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

40.5970, 44.5430, 61.7163

Protanopia

43.2826, 44.1958, 59.0727

Deuteranopia

45.2515, 44.2662, 62.6591



Tritanopia

40.1484, 44.6705, 59.3295

Trichromacy



Original Color

40.5970, 44.5430, 61.7163

Protanomaly

42.0498, 44.1335, 59.7284

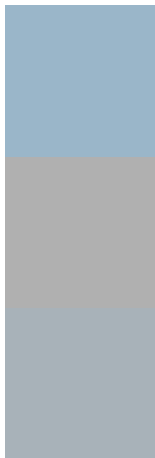
Deuteranomaly

43.1993, 44.0856, 62.1096

Tritanomaly

40.2634, 44.7165, 59.9351

Monochromacy



Original Color

40.5970, 44.5430, 61.7163

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.8258, 43.6684, 52.1760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5970, 44.5430, 61.7163 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(154, 182, 201)` looks like.

```
.text, #text, p{  
    color:rgb(154, 182, 201)  
}
```

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(154, 182, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 182, 201) }
```

Border

The CSS property to change the border of an element to XYZ 40.5970, 44.5430, 61.7163 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(154, 182, 201) }
```


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

```
.border{ border-color:rgb(154, 182, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 182, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 182, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 182, 201);  
box-shadow:4px 4px 4px 4px rgb(154, 182,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5970, 44.5430, 61.7163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 182, 201) }
```

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

```
.background{ background-color: rgb(154,  
182, 201) }
```

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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