

Converting Colors

XYZ(44.4912, 50.5607, 71.0335)

Have a look what the booklet for
XYZ(44.4912, 50.5607, 71.0335)
contains.

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Color

**XYZ(44.4152, 50.4646,
71.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	97C3D6
RGB	151, 195, 214
RGB Percent	59%, 76%, 84%
CMY	0.4078, 0.2353, 0.1608
CMYK	0.29, 0.09, 0.00, 0.16
HSL	198°, 43%, 72%
HSV	198°, 29%, 84%
XYZ	44.4152, 50.4646, 71.0180
YIQ	184.0100, -32.3230, -3.4190

Conversions

Conversions Part 2

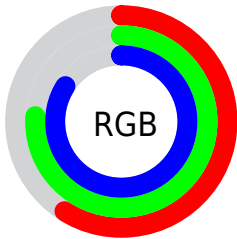
Format	Color
R _{YB}	151, 177, 214
Decimal	9946070
CIE Lab	76.35, -10.07, -14.22
CIE LCh	76, 17.424, 234.680
Yxy	50.4646, 0.2677, 0.3042
Android (android.graphics.Color)	4288136150 (0xFF97C3D6)
YUV	184.0100, 14.7851, -28.9498
Hunter-Lab	71.0384, -12.7141, -9.5460

Details

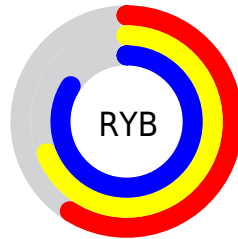
The XYZ color **44.4152, 50.4646, 71.0180** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.6928, 45.2803, 35.5056**, and the grayscale version is **45.5005, 47.8700, 52.1305**.

A 20% lighter version of the original color is **78.5925, 90.1062, 107.8577**, and **20.8199, 24.1496, 36.3649** is the 20% darker color. If you saturate the color by 10%, you get **39.3839, 45.7717, 70.3782**, and if you desaturate by 10%, it is **50.2329, 55.6582, 71.7147**.

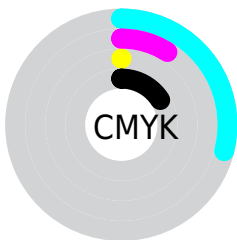
Distribution



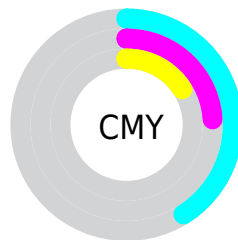
- Red (59%)
- Green (76%)
- Blue (84%)



- Red (59%)
- Yellow (69%)
- Blue (84%)



- Cyan (29%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (41%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4152, 50.4646, 71.0180 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 44.4152, 50.4646, 71.0180 by changing the saturation by 10% instead.

■ 44.4152, 50.4646,
71.0180

■ 44.4152, 50.4646,
71.0180

355.2236,
388.4800, 483.0017

■ 31.1964, 35.7827,
51.8750

■ 81.0846, 90.8629,
122.3540

■ 20.9010, 24.2664,
36.5239

■ 105.2660,
117.3480, 155.3841

■ 13.1637, 15.5314,
24.5462

133.8321,
148.5364, 193.8803

■ 7.6191, 9.1932,
15.5233

167.1486,
184.8123, 238.2612

■ 3.9020, 4.8674,
9.0368

205.5805,
226.5603, 288.9452

■ 1.6468, 2.1697,
4.6680

249.4935,

■ 0.4226, 0.7034,

274.1646, 346.3509

1.9985

299.2527,
328.0097, 410.8969

■ 0.0000, 0.0000,
0.5544

■ 0.0000, 0.0000,
0.0000

■ 44.4152, 50.4646,
71.0180

■ 44.4152, 50.4646,
71.0180

■ 39.3839, 45.7717,
70.3782

■ 50.2329, 55.6582,
71.7147

■ 35.0946, 41.5517,
69.7897

■ 56.8694, 61.3665,
72.4667

■ 31.5054, 37.7831,
69.2515

■ 64.3605, 67.6104,
73.2771

■ 28.5679, 34.4397,
68.7610

■ 72.7386, 74.4077,
74.1475

■ 26.2272, 31.4919,
68.3154

■ 80.9208, 81.2012,
75.0276

■ 24.4183, 28.9050,
67.9114

■ 82.7219, 84.8034,
75.6279

■ 23.0322, 26.6216,
67.5437

■ 84.5899, 88.5394,
76.2506

■ 22.9595, 26.4985,
67.5238

■ 86.5255, 92.4106,
76.8958

■ 88.5293, 96.4183,
77.5637

Harmonies

Analogous

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



42.4668, 50.4646, 62.8283



44.4152, 50.4646, 71.0180



47.3835, 50.4646, 74.9351

Triad

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



44.4152, 50.4646, 71.0180



54.5134, 50.4646, 56.6368



45.3830, 50.4646, 40.1331

Complementary

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



44.4152, 50.4646, 71.0180



47.6928, 45.2803, 35.5056

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.



48.5514, 50.4646, 38.8732



44.4152, 50.4646, 71.0180



53.9186, 50.4646, 47.7546

Square

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



44.4152, 50.4646, 71.0180



53.2897, 50.4646, 66.0493



51.6993, 50.4646, 41.5048



43.0075, 50.4646, 45.1649

Rectangle

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



44.4152, 50.4646, 71.0180



49.5790, 50.4646, 74.3083



51.6993, 50.4646, 41.5048



46.3866, 50.4646, 39.2804

Sweetspot

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



44.4167, 50.4666, 71.0192



84.9368, 91.5678, 107.8054



44.0563, 57.5719, 46.7722



17.8514, 19.3209, 23.0384



0.0000, 0.0000, 0.0000



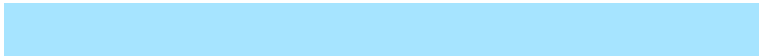
20.3446, 21.4041, 23.3091

Same Dimension

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



44.4167, 50.4666, 71.0192



61.4907, 70.8344, 105.0392



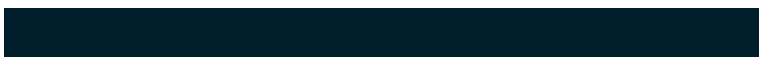
38.1052, 37.8435, 68.9153



12.4614, 13.4462, 15.8761



13.9725, 16.2068, 40.8450



0.9138, 1.1197, 2.4873

Inverse Universe

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



48.6497, 40.3707, 56.8603



68.8464, 54.0479, 80.2654



54.2984, 58.4915, 37.7075



12.7861, 12.5659, 14.8138



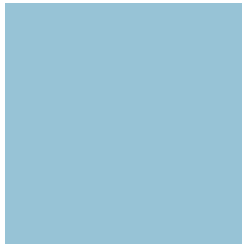
20.1115, 9.9809, 18.4233



1.2489, 0.6164, 1.3001

Previews

White Background



This preview shows how the XYZ color 44.4152, 50.4646, 71.0180 looks on a white background.

Color Contrast Check

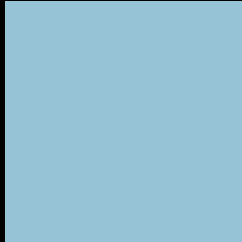
Large Text (above 18pt) WCAG AA × Fail

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 44.4152, 50.4646, 71.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

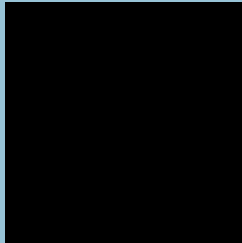
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4152, 50.4646, 71.0180

Background



This preview shows how black text looks on a background with the XYZ color 44.4152, 50.4646, 71.0180.



This preview shows how white text looks on a background with the XYZ color 44.4152, 50.4646,

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

44.4152, 50.4646, 71.0180

Protanopia

49.0751, 50.0355, 67.3929

Deuteranopia

51.0664, 50.0313, 71.9313



Tritanopia

43.8507, 50.2174, 69.0098

Trichromacy



Original Color

44.4152, 50.4646, 71.0180

Protanomaly

47.1890, 49.9826, 68.7885

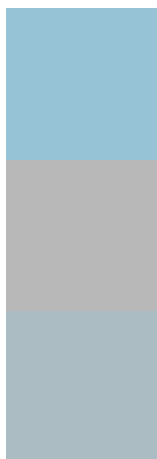
Deuteranomaly

48.1675, 49.7941, 71.3625

Tritanomaly

43.9764, 50.2677, 69.6722

Monochromacy



Original Color

44.4152, 50.4646, 71.0180

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.8468, 48.6772, 58.6617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4152, 50.4646, 71.0180 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(151, 195, 214)` looks like.

```
.text, #text, p{  
    color:rgb(151, 195, 214)  
}
```

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(151, 195, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 195, 214) }
```

Border

The CSS property to change the border of an element to XYZ 44.4152, 50.4646, 71.0180 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(151, 195, 214) }
```


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

```
.border{ border-color:rgb(151, 195, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 195, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 195, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 195, 214);  
box-shadow:4px 4px 4px 4px rgb(151, 195,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4152, 50.4646, 71.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 195, 214) }
```

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

```
.background{ background-color: rgb(151,  
195, 214) }
```

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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