

Converting Colors

XYZ(46.0570, 51.1455, 79.6305)

Have a look what the booklet for
XYZ(46.0570, 51.1455, 79.6305)
contains.

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Color

**XYZ(46.0051, 51.1005,
79.3902)**

Conversions

Conversions Part 1

Format	Color
Hex	97C3E2
RGB	151, 195, 226
RGB Percent	59%, 76%, 89%
CMY	0.4078, 0.2353, 0.1137
CMYK	0.33, 0.14, 0.00, 0.11
HSL	205°, 56%, 74%
HSV	205°, 33%, 89%
XYZ	46.0051, 51.1005, 79.3902
YIQ	185.3780, -36.1750, 0.3130

Conversions

Conversions Part 2

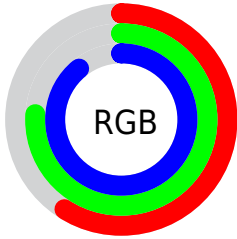
Format	Color
RYB	151, 179, 226
Decimal	9946082
CIELab	76.74, -7.16, -20.11
CIElCh	77, 21.352, 250.399
Yxy	51.1005, 0.2607, 0.2895
Android (android.graphics.Color)	4288136162 (0xFF97C3E2)
YUV	185.3780, 20.0266, -30.1495
Hunter-Lab	71.4846, -10.2215, -15.8077

Details

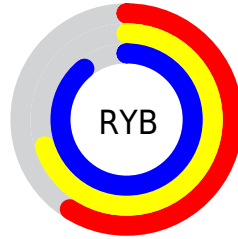
The XYZ color **46.0051, 51.1005, 79.3902** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **53.6788, 51.8599, 36.4604**, and the grayscale version is **46.2322, 48.6399, 52.9688**.

A 20% lighter version of the original color is **78.5925, 90.1062, 107.8577**, and **21.8053, 24.5314, 42.1139** is the 20% darker color. If you saturate the color by 10%, you get **40.1784, 45.0874, 78.5375**, and if you desaturate by 10%, it is **52.7699, 57.7940, 80.3265**.

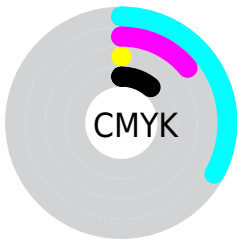
Distribution



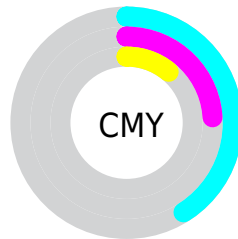
- Red (59%)
- Green (76%)
- Blue (89%)



- Red (59%)
- Yellow (70%)
- Blue (89%)



- Cyan (33%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (41%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0051, 51.1005, 79.3902 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 46.0051, 51.1005, 79.3902 by changing the saturation by 10% instead.

■ 46.0051, 51.1005,
79.3902

■ 46.0051, 51.1005,
79.3902

361.5447,
390.9541, 512.5279

■ 32.4545, 36.2886,
58.6935

■ 83.4544, 91.8033,
134.3117

■ 21.8661, 24.6572,
41.9480

■ 108.0839,
118.4630, 169.3735

■ 13.8746, 15.8218,
28.7353

137.1370,
149.8408, 210.0608

■ 8.1146, 9.3982,
18.6368

170.9791,
186.3210, 256.7921

■ 4.2208, 5.0018,
11.2340

209.9756,
228.2880, 309.9859

■ 1.8278, 2.2483,
6.1083

254.4918,

■ 0.5343, 0.7461,

276.1263, 370.0607

2.8412

304.8930,
330.2202, 437.4352

■ 0.0000, 0.0000,
1.0141

■ 0.0000, 0.0000,
0.0000

■ 46.0051, 51.1005,
79.3902

■ 46.0051, 51.1005,
79.3902

■ 40.1784, 45.0874,
78.5375

■ 52.7699, 57.7940,
80.3265

■ 35.2366, 39.7201,
77.7620

■ 60.5127, 65.1883,
81.3457

■ 31.1280, 34.9696,
77.0616

■ 69.2769, 73.3102,
82.4514

■ 27.7932, 30.8016,
76.4329

■ 79.1015, 82.1834,
83.6463

■ 25.1639, 27.1768,
75.8718

■ 86.6331, 90.0819,
84.7739

■ 23.1578, 24.0490,
75.3738

■ 89.4803, 95.7763,
85.7230

■ 22.0593, 22.1545,
75.0660

■ 90.7276, 98.2711,
86.1388

Harmonies

Analogous

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



42.8802, 51.1005, 71.3723



46.0051, 51.1005, 79.3902



49.9880, 51.1005, 80.5690

Triad

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



46.0051, 51.1005, 79.3902



56.6338, 51.1005, 51.7125



43.6979, 51.1005, 40.3328

Complementary

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



46.0051, 51.1005, 79.3902



53.6788, 51.8599, 36.4604

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.



47.1781, 51.1005, 36.4696



46.0051, 51.1005, 79.3902



54.7409, 51.1005, 42.4077

Square

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



46.0051, 51.1005, 79.3902



56.2766, 51.1005, 63.4571



51.2275, 51.1005, 37.1724



41.6003, 51.1005, 48.4923

Rectangle

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



46.0051, 51.1005, 79.3902



52.6152, 51.1005, 77.1645



51.2275, 51.1005, 37.1724



44.7366, 51.1005, 38.5437

Sweetspot

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



46.0067, 51.1025, 79.3914



83.0123, 88.9392, 107.3995



48.3006, 64.3094, 53.5847



17.4298, 18.7209, 22.9448



0.0000, 0.0000, 0.0000



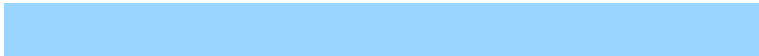
20.3446, 21.4041, 23.3091

Same Dimension

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



46.0067, 51.1025, 79.3914



54.9413, 61.5013, 103.5830



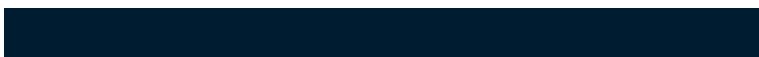
38.8037, 36.6965, 76.9904



13.6169, 14.5729, 17.4829



12.7044, 12.8784, 42.8645



0.9682, 1.0679, 3.0003

Inverse Universe

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



52.2823, 42.2436, 57.0301



64.6214, 48.8385, 68.8664



62.1523, 68.8068, 39.2849



14.0429, 13.8348, 15.9959



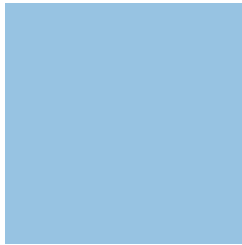
20.3528, 10.2081, 13.7895



1.4550, 0.7253, 1.1888

Previews

White Background



This preview shows how the XYZ color 46.0051, 51.1005, 79.3902 looks on a white background.

Color Contrast Check

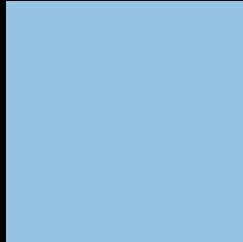
Large Text (above 18pt) WCAG AA × Fail

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 46.0051, 51.1005, 79.3902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

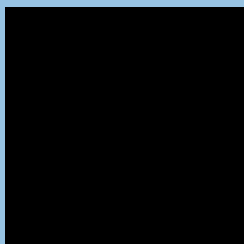
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

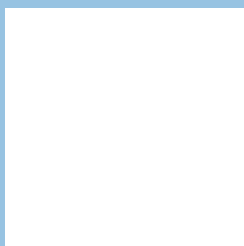
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.0051, 51.1005, 79.3902

Background



This preview shows how black text looks on a background with the XYZ color 46.0051, 51.1005, 79.3902.



This preview shows how white text looks on a background with the XYZ color 46.0051, 51.1005,

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

46.0051, 51.1005, 79.3902

Protanopia

50.1129, 50.7062, 75.5527

Deuteranopia

52.0916, 50.9907, 80.4955



Tritanopia

44.1892, 51.0325, 70.4720

Trichromacy



Original Color

46.0051, 51.1005, 79.3902

Protanomaly

48.5273, 50.8126, 77.0622

Deuteranomaly

49.7419, 51.0552, 79.9060

Tritanomaly

44.7892, 50.9314, 73.7998

Monochromacy



Original Color

46.0051, 51.1005, 79.3902

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.8565, 49.4496, 61.7714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0051, 51.1005, 79.3902 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(151, 195, 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(151, 195, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 195, 226) }
```

Border

The CSS property to change the border of an element to XYZ 46.0051, 51.1005, 79.3902 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, 226) }
```


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

```
.border{ border-color:rgb(151, 195, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 195, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 195, 226);  
box-shadow:4px 4px 4px 4px rgb(151, 195,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0051, 51.1005, 79.3902 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, 226) }
```

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

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