

Converting Colors

XYZ(50.6770, 59.1031, 81.4101)

Have a look what the booklet for
XYZ(50.6770, 59.1031, 81.4101)
contains.

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Color

**XYZ(50.6770, 59.1031,
81.4101)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD3E3
RGB	155, 211, 227
RGB Percent	61%, 83%, 89%
CMY	0.3921, 0.1725, 0.1098
CMYK	0.32, 0.07, 0.00, 0.11
HSL	193°, 56%, 75%
HSV	193°, 32%, 89%
XYZ	50.6770, 59.1031, 81.4101
YIQ	196.0800, -38.5120, -6.8960

Conversions

Conversions Part 2

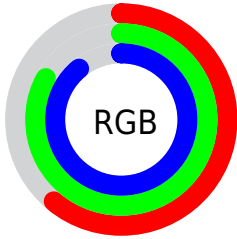
Format	Color
RYB	155, 187, 227
Decimal	10212323
CIELab	81.35, -14.16, -13.68
CIELCh	81, 19.694, 224.011
Yxy	59.1031, 0.2651, 0.3091
Android (android.graphics.Color)	4288402403 (0xFF9BD3E3)
YUV	196.0800, 15.2436, -36.0272
Hunter-Lab	76.8785, -16.8733, -8.9698

Details

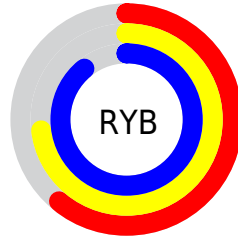
The XYZ color **50.6770, 59.1031, 81.4101** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.1588, 47.8241, 37.4939**, and the grayscale version is **52.4468, 55.1781, 60.0889**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **24.7017, 29.5222, 43.4262** is the 20% darker color. If you saturate the color by 10%, you get **45.4902, 54.5995, 80.8152**, and if you desaturate by 10%, it is **56.7256, 64.1122, 82.0592**.

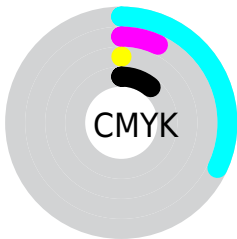
Distribution



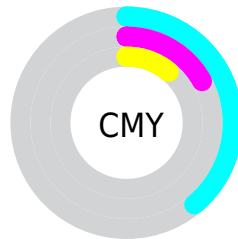
- Red (61%)
- Green (83%)
- Blue (89%)



- Red (61%)
- Yellow (73%)
- Blue (89%)



- Cyan (32%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (39%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6770, 59.1031, 81.4101 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 50.6770, 59.1031, 81.4101 by changing the saturation by 10% instead.

■ 50.6770, 59.1031,
81.4101

■ 50.6770, 59.1031,
81.4101

379.7159,
421.2839, 519.5039

■ 36.1716, 42.6961,
60.3464

■ 90.3630, 103.5275,
137.1757

■ 24.7375, 29.6468,
43.2708

■ 116.2743,
132.3137, 172.7147

■ 16.0093, 19.5706,
29.7647

146.7183,
165.9951, 213.9159

■ 9.6216, 12.0833,
19.4095

182.0603,
204.9561, 261.1979

■ 5.2091, 6.8004,
11.7868

222.6657,
249.5811, 314.9791

■ 2.4065, 3.3376,
6.4779

268.8999,

■ 0.8483, 1.3104,

300.2544, 375.6782

3.0643

321.1282,
357.3606, 443.7136

■ 0.0000, 0.1493,
1.1276

■ 0.0000, 0.0000,
0.0000

■ 50.6770, 59.1031,
81.4101

■ 50.6770, 59.1031,
81.4101

■ 45.4902, 54.5995,
80.8152

■ 56.7256, 64.1122,
82.0592

■ 41.1135, 50.5699,
80.2681

■ 63.6734, 69.6424,
82.7604

■ 37.4979, 46.9899,
79.7676

■ 71.5620, 75.7170,
83.5172

■ 34.5863, 43.8297,
79.3111

■ 80.4288, 82.3558,
84.3312

■ 32.3135, 41.0550,
78.8953

■ 85.1651, 86.9256,
84.9637

■ 30.6012, 38.6249,
78.5165

■ 86.6397, 89.8749,
85.4552

■ 29.5012, 36.8179,
78.2257

■ 88.1557, 92.9070,
85.9606

■ 89.7134, 96.0224,
86.4798

■ 90.8653, 98.3261,
86.8638

Harmonies

Analogous

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



48.8456, 59.1031, 69.9950



50.6770, 59.1031, 81.4101



54.0251, 59.1031, 88.6779

Triad

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



50.6770, 59.1031, 81.4101



64.1275, 59.1031, 70.7966



54.2824, 59.1031, 44.7819

Complementary

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



50.6770, 59.1031, 81.4101



52.1588, 47.8241, 37.4939

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.



58.3827, 59.1031, 44.9410



50.6770, 59.1031, 81.4101



64.2047, 59.1031, 59.0231

Square

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



50.6770, 59.1031, 81.4101



61.8525, 59.1031, 82.0584



62.0585, 59.1031, 49.8625



50.8574, 59.1031, 49.3977

Rectangle

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



50.6770, 59.1031, 81.4101



56.7308, 59.1031, 89.6982



62.0585, 59.1031, 49.8625



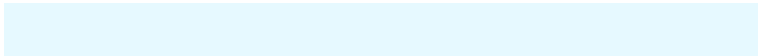
55.6242, 59.1031, 44.2980

Sweetspot

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



50.6788, 59.1054, 81.4115



84.5019, 91.9184, 107.8960



48.3006, 64.8330, 48.2984



17.7913, 19.4437, 23.0653



0.0000, 0.0000, 0.0000



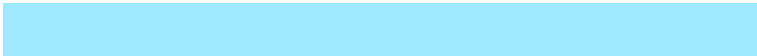
20.3446, 21.4041, 23.3091

Same Dimension

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



50.6788, 59.1054, 81.4115



61.4422, 73.0431, 105.4681



42.7921, 43.3321, 78.7826



14.5216, 15.7645, 18.4218



17.2954, 21.6528, 45.6510



1.3452, 1.7343, 3.3958

Inverse Universe

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



55.1593, 44.4784, 67.3085



68.2590, 51.6579, 83.8160



59.8122, 63.1308, 40.0450



14.8508, 14.5575, 17.4149



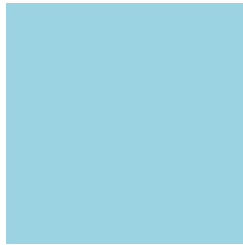
23.1234, 11.3836, 25.3426



1.7426, 0.8548, 2.0511

Previews

White Background



This preview shows how the XYZ color 50.6770, 59.1031, 81.4101 looks on a white background.

Color Contrast Check

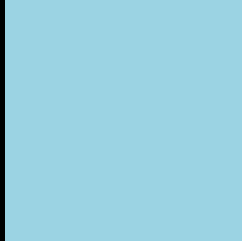
Large Text (above 18pt) WCAG AA × Fail

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 50.6770, 59.1031, 81.4101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

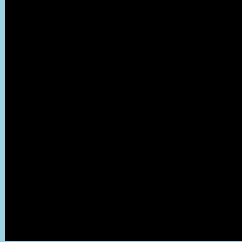
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6770, 59.1031, 81.4101

Background



This preview shows how black text looks on a background with the XYZ color 50.6770, 59.1031, 81.4101.



This preview shows how white text looks on a background with the XYZ color 50.6770, 59.1031,

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

50.6770, 59.1031, 81.4101

Protanopia

57.3920, 58.7552, 76.0262

Deuteranopia

59.7550, 58.4584, 82.9971



Tritanopia

50.8154, 59.1585, 82.1393

Trichromacy



Original Color

50.6770, 59.1031, 81.4101

Protanomaly

54.6793, 58.7038, 78.2611

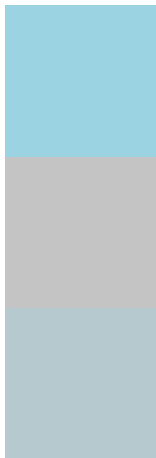
Deuteranomaly

55.7685, 58.1218, 82.4081

Tritanomaly

50.8154, 59.1585, 82.1393

Monochromacy



Original Color

50.6770, 59.1031, 81.4101

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.2052, 56.1020, 67.1615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6770, 59.1031, 81.4101 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(155, 211, 227)` looks like.

```
.text, #text, p{  
    color:rgb(155, 211, 227)  
}
```

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(155, 211, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 211, 227) }
```

Border

The CSS property to change the border of an element to XYZ 50.6770, 59.1031, 81.4101 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(155, 211, 227) }
```


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

```
.border{ border-color:rgb(155, 211, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 211, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 211, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 211, 227);  
box-shadow:4px 4px 4px 4px rgb(155, 211,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6770, 59.1031, 81.4101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 211, 227) }
```

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

```
.background{ background-color: rgb(155,  
211, 227) }
```

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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