

Converting Colors

XYZ(51.5639, 57.6144, 87.0002)

Have a look what the booklet for
XYZ(51.5639, 57.6144, 87.0002)
contains.

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Color

**XYZ(51.5639, 57.6144,
87.0002)**

Conversions

Conversions Part 1

Format	Color
Hex	A0CEEB
RGB	160, 206, 235
RGB Percent	63%, 81%, 92%
CMY	0.3725, 0.1921, 0.0784
CMYK	0.32, 0.12, 0.00, 0.08
HSL	203°, 65%, 77%
HSV	203°, 32%, 92%
XYZ	51.5639, 57.6144, 87.0002
YIQ	195.5520, -36.7250, -0.7330

Conversions

Conversions Part 2

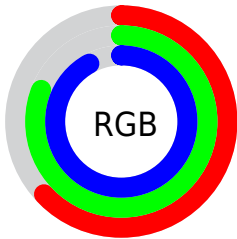
Format	Color
R_{YB}	160, 189, 235
Decimal	10538731
CIE _{Lab}	80.52, -8.26, -19.17
CIE _{LCh}	81, 20.871, 246.689
Yxy	57.6144, 0.2628, 0.2937
Android (android.graphics.Color)	4288728811 (0xFFA0CEEB)
YUV	195.5520, 19.4479, -31.1791
Hunter-Lab	75.9042, -11.5720, -14.8244

Details

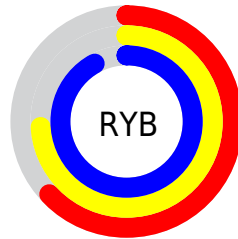
The XYZ color **51.5639, 57.6144, 87.0002** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **58.8045, 56.5960, 41.0840**, and the grayscale version is **52.1057, 54.8193, 59.6982**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **25.3088, 28.7753, 46.8681** is the 20% darker color. If you saturate the color by 10%, you get **45.1784, 51.1699, 86.0938**, and if you desaturate by 10%, it is **58.9673, 64.7741, 87.9929**.

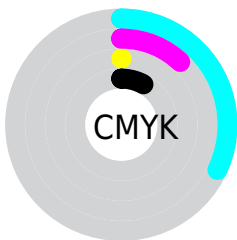
Distribution



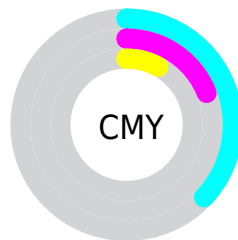
- Red (63%)
- Green (81%)
- Blue (92%)



- Red (63%)
- Yellow (74%)
- Blue (92%)



- Cyan (32%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (37%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5639, 57.6144, 87.0002 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 51.5639, 57.6144, 87.0002 by changing the saturation by 10% instead.

■ 51.5639, 57.6144,
87.0002

■ 51.5639, 57.6144,
87.0002

383.1024,
415.7476, 538.5398

■ 36.8804, 41.4987,
64.9357

■ 91.6658, 101.3611,
145.0633

■ 25.2882, 28.7090,
46.9580

■ 117.8150,
129.7610, 181.8990

■ 16.4218, 18.8608,
32.6483

148.5168,
163.0243, 224.4956

■ 9.9158, 11.5697,
21.5883

184.1365,
201.5356, 273.2715

■ 5.4050, 6.4514,
13.3593

225.0396,
245.6791, 328.6453

■ 2.5240, 3.1215,
7.5428

271.5914,

■ 0.9074, 1.1955,

295.8394, 391.0356

3.7203

324.1572,
352.4007, 460.8609

■ 0.0000, 0.0580,
1.4732

■ 0.0000, 0.0000,
0.1978

■ 51.5639, 57.6144,
87.0002

■ 51.5639, 57.6144,
87.0002

■ 45.1784, 51.1699,
86.0938

■ 58.9673, 64.7741,
87.9929

■ 39.7533, 45.4037,
85.2668

■ 67.4317, 72.6702,
89.0709

■ 35.2330, 40.2854,
84.5171

■ 77.0038, 81.3311,
90.2381

■ 31.5535, 35.7786,
83.8411

■ 87.7259, 90.7816,
91.4972

■ 28.6416, 31.8421,
83.2348

■ 90.8686, 96.5244,
92.4400

■ 26.4094, 28.4271,
82.6933

■ 91.9956, 98.7782,
92.8156

■ 24.9901, 25.9873,
82.2971

Harmonies

Analogous

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



48.4145, 57.6144, 77.9171



51.5639, 57.6144, 87.0002



55.7264, 57.6144, 89.2148

Triad

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



51.5639, 57.6144, 87.0002



63.3604, 57.6144, 60.0229



49.9829, 57.6144, 45.6456

Complementary

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



51.5639, 57.6144, 87.0002



58.8045, 56.5960, 41.0840

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.



53.8064, 57.6144, 42.0894



51.5639, 57.6144, 87.0002



61.6387, 57.6144, 49.6608

Square

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



51.5639, 57.6144, 87.0002



62.6833, 57.6144, 72.5432



58.0871, 57.6144, 43.4573



47.5356, 57.6144, 53.8484

Rectangle

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



51.5639, 57.6144, 87.0002



58.5463, 57.6144, 86.2708



58.0871, 57.6144, 43.4573



51.1420, 57.6144, 43.9194

Sweetspot

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



51.5657, 57.6167, 87.0015



83.2179, 89.3504, 107.4680



53.3650, 70.5547, 58.8091



17.4796, 18.8205, 22.9614



0.0000, 0.0000, 0.0000



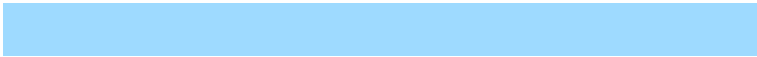
20.3446, 21.4041, 23.3091

Same Dimension

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



51.5657, 57.6167, 87.0015



57.1211, 64.4010, 104.0278



43.6355, 41.7563, 84.3581



15.0003, 16.0871, 19.2368



14.0354, 14.7178, 45.8440



1.1949, 1.3413, 3.6308

Inverse Universe

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



57.9738, 47.2615, 64.4619



66.0780, 50.7855, 72.3307



67.8716, 74.7301, 44.1063



15.4537, 15.2093, 17.6746



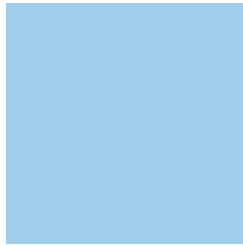
21.9397, 10.9786, 16.0157



1.7696, 0.8808, 1.5043

Previews

White Background



This preview shows how the XYZ color 51.5639, 57.6144, 87.0002 looks on a white background.

Color Contrast Check

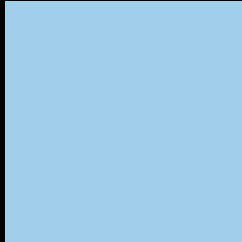
Large Text (above 18pt) WCAG AA × Fail

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 51.5639, 57.6144, 87.0002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

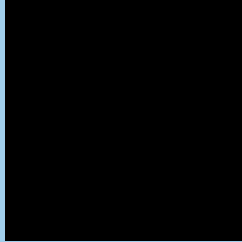
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5639, 57.6144, 87.0002

Background



This preview shows how black text looks on a background with the XYZ color 51.5639, 57.6144, 87.0002.



This preview shows how white text looks on a background with the XYZ color 51.5639, 57.6144,

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

51.5639, 57.6144, 87.0002

Protanopia

56.5851, 57.5146, 82.2478

Deuteranopia

58.6206, 57.4240, 88.1151



Tritanopia

50.1110, 57.7627, 79.0292

Trichromacy



Original Color

51.5639, 57.6144, 87.0002

Protanomaly

54.6019, 57.4879, 83.8198

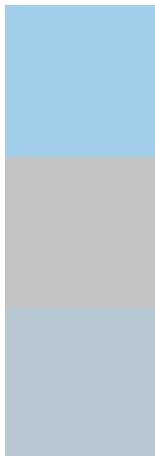
Deuteranomaly

55.5713, 57.2173, 87.4720

Tritanomaly

50.6145, 57.5980, 81.8486

Monochromacy



Original Color

51.5639, 57.6144, 87.0002

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.8156, 56.0290, 69.0565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5639, 57.6144, 87.0002 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(160, 206, 235)` looks like.

```
.text, #text, p{  
    color:rgb(160, 206, 235)  
}
```

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(160, 206, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 206, 235) }
```

Border

The CSS property to change the border of an element to XYZ 51.5639, 57.6144, 87.0002 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(160, 206, 235) }
```


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

```
.border{ border-color:rgb(160, 206, 235) }
```

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

Here you see how a box with a 4 pixel rgb(160, 206, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 206, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 206, 235);  
box-shadow:4px 4px 4px 4px rgb(160, 206,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5639, 57.6144, 87.0002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 206, 235) }
```

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

```
.background{ background-color: rgb(160,  
206, 235) }
```

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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