

Converting Colors

XYZ(56.4780, 61.8785, 91.4051)

Have a look what the booklet for XYZ(56.4780, 61.8785, 91.4051) contains.

- XYZ(56.4780, 61.8785, 91.4051) 3**
- Conversions*** 4
- Details*** 6
- Harmonies*** 12
- Previews*** 24
- Color Blindness Simulation*** 28
- CSS Examples*** 31

Color

**XYZ(56.4780, 61.8785,
91.4051)**

Conversions

Conversions Part 1

Format	Color
Hex	AED3F0
RGB	174, 211, 240
RGB Percent	68%, 83%, 94%
CMY	0.3176, 0.1725, 0.0588
CMYK	0.27, 0.12, 0.00, 0.06
HSL	206°, 69%, 81%
HSV	206°, 27%, 94%
XYZ	56.4780, 61.8785, 91.4051
YIQ	203.2430, -31.3610, 1.1750

Conversions

Conversions Part 2

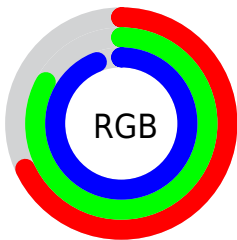
Format	Color
RYB	174, 198, 240
Decimal	11457520
CIELab	82.85, -5.72, -18.24
CIELCh	83, 19.115, 252.599
Yxy	61.8785, 0.2692, 0.2950
Android (android.graphics.Color)	4289647600 (0xFFAED3F0)
YUV	203.2430, 18.1212, -25.6461
Hunter-Lab	78.6629, -9.5015, -13.8301

Details

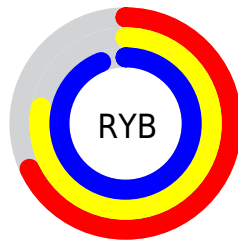
The XYZ color **56.4780, 61.8785, 91.4051** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.9319, 64.2936, 49.0336**, and the grayscale version is **56.8228, 59.7820, 65.1026**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **28.4544, 31.5677, 49.9409** is the 20% darker color. If you saturate the color by 10%, you get **49.0674, 54.2973, 90.3334**, and if you desaturate by 10%, it is **65.0195, 70.3008, 92.5816**.

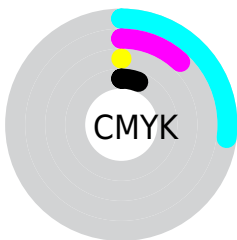
Distribution



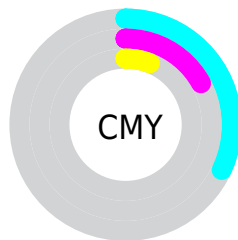
- Red (68%)
- Green (83%)
- Blue (94%)



- Red (68%)
- Yellow (78%)
- Blue (94%)



- Cyan (27%)
- Magenta (12%)
- Yellow (0%)
- Black (6%)



- Cyan (32%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4780, 61.8785, 91.4051 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 56.4780, 61.8785, 91.4051 by changing the saturation by 10% instead.

■ 56.4780, 61.8785,
91.4051

■ 56.4780, 61.8785,
91.4051

401.5363,
431.4878, 553.2787

■ 40.8248, 44.9345,
68.5664

■ 98.8389, 107.5499,
151.2411

■ 28.3693, 31.4059,
49.8891

126.2773,
137.0461, 189.0755

■ 18.7461, 20.9081,
34.9547

158.3748,
171.4953, 232.7455

■ 11.5899, 13.0568,
23.3447

195.4967,
211.2816, 282.6696

■ 6.5353, 7.4677,
14.6406

238.0085,
256.7897, 339.2665

■ 3.2169, 3.7563,
8.4237

286.2755,

■ 1.2695, 1.5382,

308.4038, 402.9546

4.2756

340.6629,
366.5083, 474.1525

■ 0.1602, 0.3154,
1.7777

■ 0.0000, 0.0000,
0.4132

■ 56.4780, 61.8785,
91.4051

■ 56.4780, 61.8785,
91.4051

■ 49.0674, 54.2973,
90.3334

■ 65.0195, 70.3008,
92.5816

■ 42.7279, 47.5171,
89.3588

■ 74.7366, 79.5874,
93.8620

■ 37.4025, 41.5050,
88.4790

■ 85.6781, 89.7698,
95.2507

■ 33.0259, 36.2221,
87.6900

■ 92.1515, 97.9176,
96.4822

■ 29.5246, 31.6252,
86.9873

■ 92.7284, 99.0713,
96.6745

■ 26.8124, 27.6644,
86.3657

■ 24.7763, 24.2757,
85.8189

■ 24.3302, 23.4951,
85.6918

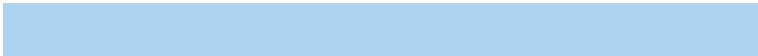
Harmonies

Analogous

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



53.1772, 61.8785, 83.9137



56.4780, 61.8785, 91.4051



60.5572, 61.8785, 92.0090

Triad

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



56.4780, 61.8785, 91.4051



66.8818, 61.8785, 62.5504



53.6170, 61.8785, 52.0275

Complementary

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



56.4780, 61.8785, 91.4051



64.9319, 64.2936, 49.0336

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.



57.1040, 61.8785, 47.5845



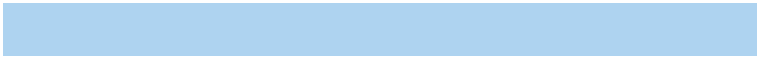
56.4780, 61.8785, 91.4051



64.8350, 61.8785, 53.1664

Square

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



56.4780, 61.8785, 91.4051



66.6950, 61.8785, 74.3848



61.2128, 61.8785, 47.9755



51.5791, 61.8785, 60.8203

Rectangle

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



56.4780, 61.8785, 91.4051



63.1821, 61.8785, 88.3350



61.2128, 61.8785, 47.9755



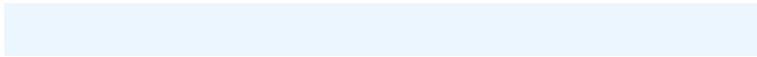
54.6514, 61.8785, 50.0245

Sweetspot

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



56.4799, 61.8810, 91.4065



85.1460, 90.7482, 107.6362



59.3488, 75.6128, 67.7185



17.8479, 19.0674, 22.9896



0.0000, 0.0000, 0.0000



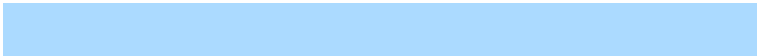
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4799, 61.8810, 91.4065



59.8905, 66.0183, 104.1940



49.1853, 47.2917, 88.9750



15.6324, 16.6990, 20.1209



13.4534, 13.1311, 46.9534



1.2181, 1.2902, 3.9391

Inverse Universe

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



62.8307, 53.5021, 68.6462



68.4331, 55.3926, 73.4337



73.4567, 81.3433, 51.8752



16.1439, 15.9073, 18.3140



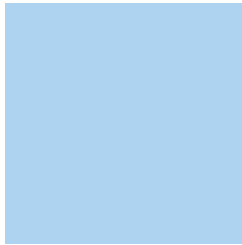
22.1163, 11.1189, 13.7949



1.8898, 0.9450, 1.4106

Previews

White Background



This preview shows how the XYZ color 56.4780, 61.8785, 91.4051 looks on a white background.

Color Contrast Check

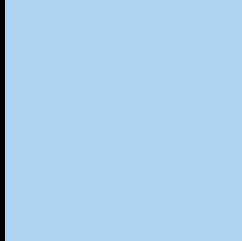
Large Text (above 18pt) WCAG AA × Fail

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 56.4780, 61.8785, 91.4051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

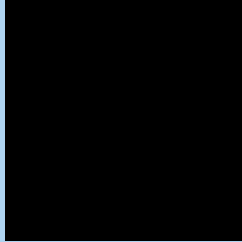
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

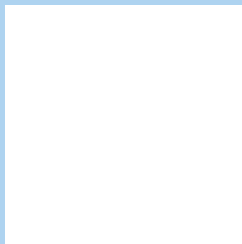
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4780, 61.8785, 91.4051

Background



This preview shows how black text looks on a background with the XYZ color 56.4780, 61.8785, 91.4051.



This preview shows how white text looks on a background with the XYZ color 56.4780, 61.8785,

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

56.4780, 61.8785, 91.4051

Protanopia

60.8206, 61.6594, 88.0527

Deuteranopia

62.9261, 61.5940, 92.5767



Tritanopia

55.0904, 62.0723, 83.9405

Trichromacy



Original Color

56.4780, 61.8785, 91.4051

Protanomaly

59.0847, 61.8164, 88.9384

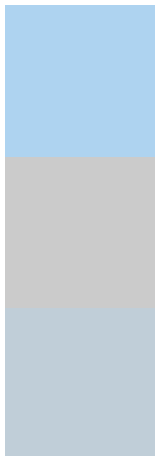
Deuteranomaly

60.4735, 61.7493, 91.9506

Tritanomaly

55.6283, 61.9117, 86.8601

Monochromacy



Original Color

56.4780, 61.8785, 91.4051

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.2042, 60.3069, 73.6439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4780, 61.8785, 91.4051 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(174, 211, 240)` looks like.

```
.text, #text, p{  
    color:rgb(174, 211, 240)  
}
```

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(174, 211, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 211, 240) }
```

Border

The CSS property to change the border of an element to XYZ 56.4780, 61.8785, 91.4051 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(174, 211, 240) }
```


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

```
.border{ border-color:rgb(174, 211, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 211, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 211, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 211, 240);  
box-shadow:4px 4px 4px 4px rgb(174, 211,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4780, 61.8785, 91.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 211, 240) }
```

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

```
.background{ background-color: rgb(174,  
211, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor