

Converting Colors

XYZ(55.0299, 61.3794, 96.9427)

Have a look what the booklet for
XYZ(55.0299, 61.3794, 96.9427)
contains.

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Color

**XYZ(55.0299, 61.3794,
96.9427)**

Conversions

Conversions Part 1

Format	Color
Hex	A1D4F7
RGB	161, 212, 247
RGB Percent	63%, 83%, 97%
CMY	0.3686, 0.1686, 0.0314
CMYK	0.35, 0.14, 0.00, 0.03
HSL	204°, 84%, 80%
HSV	204°, 35%, 97%
XYZ	55.0299, 61.3794, 96.9427
YIQ	200.7410, -41.6310, 0.0730

Conversions

Conversions Part 2

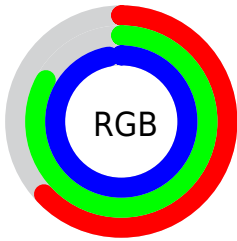
Format	Color
RYB	161, 193, 247
Decimal	10605815
CIELab	82.58, -8.19, -22.43
CIElCh	83, 23.884, 249.941
Yxy	61.3794, 0.2579, 0.2877
Android (android.graphics.Color)	4288795895 (0xFFA1D4F7)
YUV	200.7410, 22.8057, -34.8529
Hunter-Lab	78.3450, -11.7245, -18.5229

Details

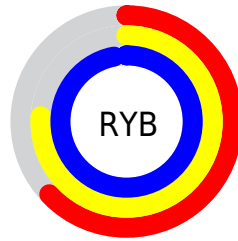
The XYZ color **55.0299, 61.3794, 96.9427** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.5318, 61.8282, 42.2528**, and the grayscale version is **55.2404, 58.1172, 63.2896**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **27.4048, 30.9397, 53.8178** is the 20% darker color. If you saturate the color by 10%, you get **48.1007, 54.1936, 95.9220**, and if you desaturate by 10%, it is **63.1026, 69.3897, 98.0644**.

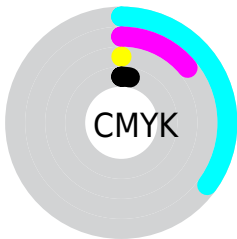
Distribution



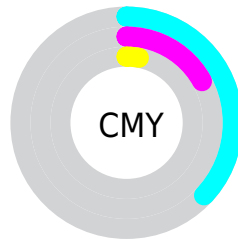
- Red (63%)
- Green (83%)
- Blue (97%)



- Red (63%)
- Yellow (76%)
- Blue (97%)



- Cyan (35%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (37%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0299, 61.3794, 96.9427 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 55.0299, 61.3794, 96.9427 by changing the saturation by 10% instead.

■ 55.0299, 61.3794,
96.9427

■ 55.0299, 61.3794,
96.9427

396.1598,
429.6637, 571.5082

■ 39.6596, 44.5314,
73.1471

■ 96.7328, 106.8281,
158.9644

■ 27.4563, 31.0885,
53.6037

■ 123.7962,
136.1976, 198.0276

■ 18.0545, 20.6663,
37.8939

155.4879,
170.5097, 243.0171

■ 11.0891, 12.8803,
25.5992

192.1734,
210.1489, 294.3515

■ 6.1945, 7.3461,
16.3010

234.2179,
255.4995, 352.4493

■ 3.0055, 3.6795,
9.5807

281.9870,

■ 1.1567, 1.4959,

306.9459, 417.7289

5.0199

335.8458,
364.8725, 490.6091

■ 0.0717, 0.2859,
2.2000

■ 0.0000, 0.0000,
0.6744

■ 55.0299, 61.3794,
96.9427

■ 55.0299, 61.3794,
96.9427

■ 48.1007, 54.1936,
95.9220

■ 63.1026, 69.3897,
98.0644

■ 42.2481, 47.7896,
94.9943

■ 72.3692, 78.2504,
99.2863

■ 37.4070, 42.1307,
94.1572

■ 82.8837, 87.9947,
100.6130

■ 33.5018, 37.1736,
93.4062

■ 92.9056, 97.7293,
101.9637

■ 30.4451, 32.8687,
92.7364

■ 93.7887, 99.4955,
102.2581

■ 28.1301, 29.1562,
92.1418

■ 27.1420, 27.4221,
91.8592

Harmonies

Analogous

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



51.1174, 61.3794, 86.5997



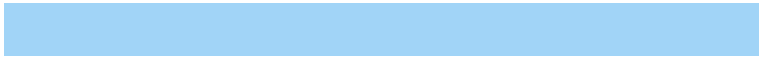
55.0299, 61.3794, 96.9427



60.0541, 61.3794, 98.5998

Triad

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



55.0299, 61.3794, 96.9427



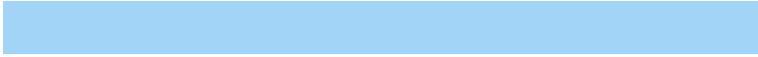
68.5752, 61.3794, 62.0850



52.2489, 61.3794, 47.4749

Complementary

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



55.0299, 61.3794, 96.9427



64.5318, 61.8282, 42.2528

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.



56.6574, 61.3794, 42.7453



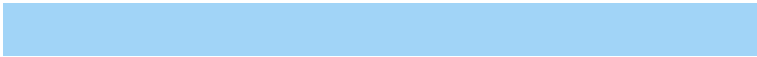
55.0299, 61.3794, 96.9427



66.2112, 61.3794, 50.3272

Square

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



55.0299, 61.3794, 96.9427



68.0763, 61.3794, 76.9678



61.7787, 61.3794, 43.7070



49.5780, 61.3794, 57.6271

Rectangle

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



55.0299, 61.3794, 96.9427



63.3882, 61.3794, 94.3381



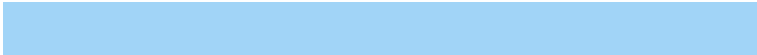
61.7787, 61.3794, 43.7070



53.5658, 61.3794, 45.2707

Sweetspot

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



55.0318, 61.3818, 96.9441



83.0612, 89.0370, 107.4158



57.8558, 78.0582, 63.8863



17.4417, 18.7446, 22.9487



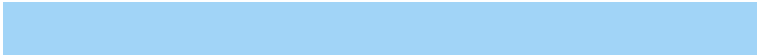
0.0000, 0.0000, 0.0000



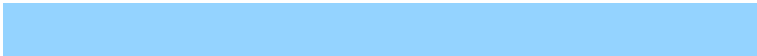
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0318, 61.3818, 96.9441



53.6421, 60.3014, 103.4198



45.7879, 42.8940, 93.8628



16.3982, 17.5607, 21.0679



14.4975, 14.7887, 48.6284



1.3750, 1.5014, 4.3076

Inverse Universe

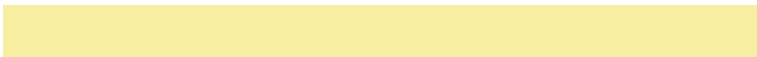
The Inverse Universe completely reimagines the original color for something new.



62.9879, 50.0191, 68.6247



63.6242, 47.1324, 67.6450



75.4832, 83.7309, 45.9032



16.9116, 16.6475, 19.2810



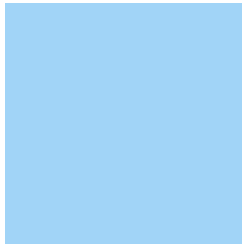
23.1222, 11.5923, 15.8836



2.0831, 1.0392, 1.6640

Previews

White Background



This preview shows how the XYZ color 55.0299, 61.3794, 96.9427 looks on a white background.

Color Contrast Check

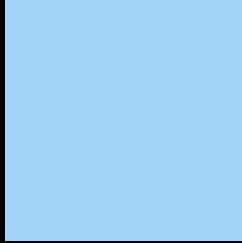
Large Text (above 18pt) WCAG AA × Fail

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 55.0299, 61.3794, 96.9427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

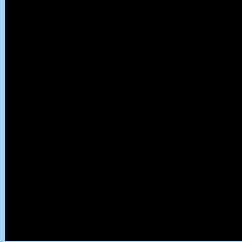
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0299, 61.3794, 96.9427

Background



This preview shows how black text looks on a background with the XYZ color 55.0299, 61.3794, 96.9427.



This preview shows how white text looks on a background with the XYZ color 55.0299, 61.3794,

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

55.0299, 61.3794, 96.9427

Protanopia

60.2591, 60.9331, 91.8044

Deuteranopia

62.3818, 60.8446, 98.0788



Tritanopia

52.7706, 61.5952, 85.4517

Trichromacy



Original Color

55.0299, 61.3794, 96.9427

Protanomaly

58.0161, 60.8040, 93.4726

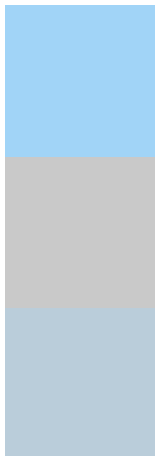
Deuteranomaly

59.2752, 60.6544, 97.3903

Tritanomaly

53.4332, 61.4767, 89.1707

Monochromacy



Original Color

55.0299, 61.3794, 96.9427

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.7359, 59.1637, 74.8645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0299, 61.3794, 96.9427 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(161, 212, 247)` looks like.

```
.text, #text, p{  
    color:rgb(161, 212, 247)  
}
```

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(161, 212, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 212, 247) }
```

Border

The CSS property to change the border of an element to XYZ 55.0299, 61.3794, 96.9427 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(161, 212, 247) }
```


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

```
.border{ border-color:rgb(161, 212, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 212, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 212, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 212, 247);  
box-shadow:4px 4px 4px 4px rgb(161, 212,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0299, 61.3794, 96.9427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 212, 247) }
```

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

```
.background{ background-color: rgb(161,  
212, 247) }
```

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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