

Converting Colors

XYZ(55.0510, 61.7909, 95.2515)

Have a look what the booklet for
XYZ(55.0510, 61.7909, 95.2515)
contains.

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Color

**XYZ(55.1760, 61.8625,
95.4188)**

Conversions

Conversions Part 1

Format	Color
Hex	A2D5F5
RGB	162, 213, 245
RGB Percent	64%, 84%, 96%
CMY	0.3647, 0.1647, 0.0392
CMYK	0.34, 0.13, 0.00, 0.04
HSL	203°, 81%, 80%
HSV	203°, 34%, 96%
XYZ	55.1760, 61.8625, 95.4188
YIQ	201.3990, -40.6680, -0.8600

Conversions

Conversions Part 2

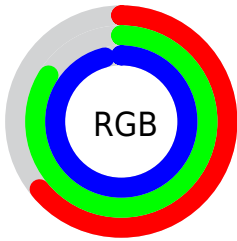
Format	Color
R _Y B	162, 194, 245
Decimal	10671605
CIE Lab	82.84, -8.94, -20.98
CIE LCh	83, 22.800, 246.928
Yxy	61.8625, 0.2597, 0.2912
Android (android.graphics.Color)	4288861685 (0xFFA2D5F5)
YUV	201.3990, 21.4953, -34.5529
Hunter-Lab	78.6527, -12.4220, -16.8717

Details

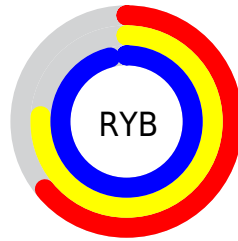
The XYZ color **55.1760, 61.8625, 95.4188** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.4706, 60.6055, 42.5369**, and the grayscale version is **55.6553, 58.5537, 63.7650**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **27.4756, 31.2536, 52.7286** is the 20% darker color. If you saturate the color by 10%, you get **48.3690, 54.9299, 94.4405**, and if you desaturate by 10%, it is **63.0947, 69.5765, 96.4915**.

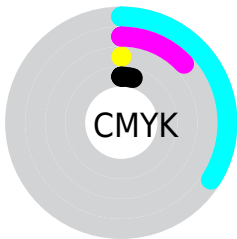
Distribution



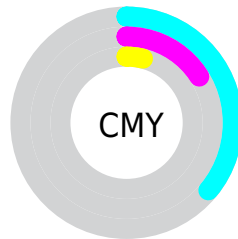
- Red (64%)
- Green (84%)
- Blue (96%)



- Red (64%)
- Yellow (76%)
- Blue (96%)



- Cyan (34%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (36%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1760, 61.8625, 95.4188 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 55.1760, 61.8625, 95.4188 by changing the saturation by 10% instead.

■ 55.1760, 61.8625,
95.4188

■ 55.1760, 61.8625,
95.4188

396.7043,
431.4294, 566.5234

■ 39.7771, 44.9216,
71.8848

■ 96.9456, 107.5268,
156.8436

■ 27.5482, 31.3957,
52.5783

■ 124.0469,
137.0190, 195.5715

■ 18.1241, 20.9003,
37.0808

155.7798,
171.4637, 240.2011

■ 11.1393, 13.0512,
24.9738

192.5096,
211.2453, 291.1509

■ 6.2286, 7.4638,
15.8387

234.6015,
256.7484, 348.8395

■ 3.0266, 3.7538,
9.2570

282.4211,

■ 1.1678, 1.5368,

308.3571, 413.6854

4.8101

336.3335,
366.4560, 486.1072

■ 0.0807, 0.3144,
2.0795

■ 0.0000, 0.0000,
0.6035

■ 55.1760, 61.8625,
95.4188

■ 55.1760, 61.8625,
95.4188

■ 48.3690, 54.9299,
94.4405

■ 63.0947, 69.5765,
96.4915

■ 42.6092, 48.7376,
93.5489

■ 72.1737, 78.0961,
97.6574

■ 37.8335, 43.2512,
92.7416

■ 82.4653, 87.4528,
98.9210

■ 33.9695, 38.4294,
92.0145

■ 92.1518, 96.7129,
100.1978

■ 30.9333, 34.2254,
91.3631

■ 93.4816, 99.3727,
100.6411

■ 28.6229, 30.5828,
90.7818

■ 27.4757, 28.5807,
90.4558

Harmonies

Analogous

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



51.5703, 61.8625, 84.9422



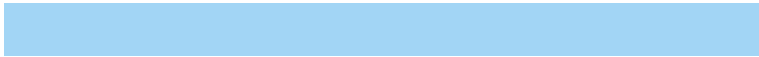
55.1760, 61.8625, 95.4188



59.9445, 61.8625, 97.9190

Triad

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



55.1760, 61.8625, 95.4188



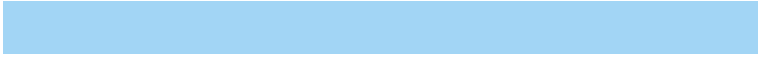
68.6765, 61.8625, 64.1489



53.3070, 61.8625, 47.9744

Complementary

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



55.1760, 61.8625, 95.4188



63.4706, 60.6055, 42.5369

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.



57.6671, 61.8625, 43.9258



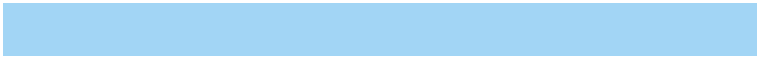
55.1760, 61.8625, 95.4188



66.6723, 61.8625, 52.3848

Square

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



55.1760, 61.8625, 95.4188



67.9183, 61.8625, 78.5181



62.5761, 61.8625, 45.4202



50.5339, 61.8625, 57.3085

Rectangle

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



55.1760, 61.8625, 95.4188



63.1781, 61.8625, 94.4523



62.5761, 61.8625, 45.4202



54.6260, 61.8625, 46.0140

Sweetspot

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



55.1779, 61.8649, 95.4202



83.2265, 89.3676, 107.4709



57.2712, 76.8743, 62.7524



17.4817, 18.8247, 22.9621



0.0000, 0.0000, 0.0000



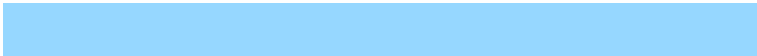
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1779, 61.8649, 95.4202



54.9332, 62.1918, 103.7167



46.0757, 43.6604, 92.3861



16.4290, 17.6223, 21.0781



14.9397, 15.6733, 48.7759



1.4124, 1.5763, 4.3200

Inverse Universe

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



62.5884, 50.0590, 69.3170



64.4447, 48.1072, 69.9728



73.9781, 81.6206, 46.0394



16.9271, 16.6537, 19.3627



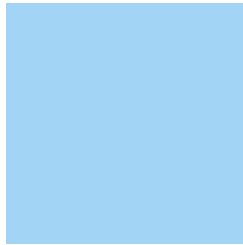
23.3454, 11.6816, 17.0591



2.1020, 1.0468, 1.7635

Previews

White Background



This preview shows how the XYZ color 55.1760, 61.8625, 95.4188 looks on a white background.

Color Contrast Check

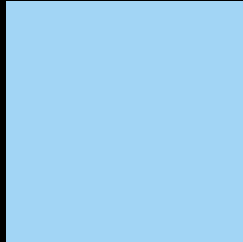
Large Text (above 18pt) WCAG AA × Fail

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 55.1760, 61.8625, 95.4188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

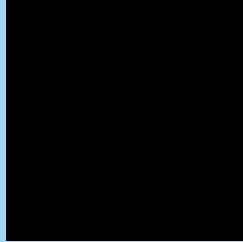
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1760, 61.8625, 95.4188

Background



This preview shows how black text looks on a background with the XYZ color 55.1760, 61.8625, 95.4188.



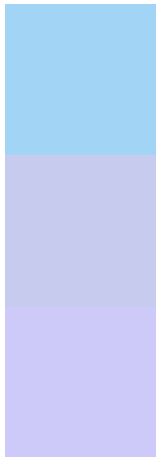
This preview shows how white text looks on a background with the XYZ color 55.1760, 61.8625,

95.4188.

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

55.1760, 61.8625, 95.4188

Protanopia

60.7260, 61.5598, 90.3430

Deuteranopia

63.0068, 61.5297, 97.3625



Tritanopia

53.1640, 61.7980, 85.4701

Trichromacy



Original Color

55.1760, 61.8625, 95.4188

Protanomaly

58.4397, 61.4156, 91.9934

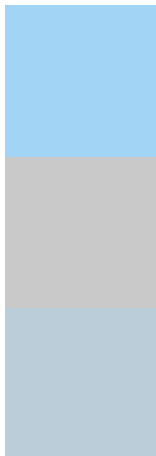
Deuteranomaly

59.6061, 61.1969, 96.6663

Tritanomaly

53.8298, 61.6811, 89.1893

Monochromacy



Original Color

55.1760, 61.8625, 95.4188

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.8492, 59.2372, 74.1887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1760, 61.8625, 95.4188 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(162, 213, 245)` looks like.

```
.text, #text, p{  
    color:rgb(162, 213, 245)  
}
```

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(162, 213, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 213, 245) }
```

Border

The CSS property to change the border of an element to XYZ 55.1760, 61.8625, 95.4188 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(162, 213, 245) }
```


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

```
.border{ border-color:rgb(162, 213, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 213, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 213, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 213, 245);  
box-shadow:4px 4px 4px 4px rgb(162, 213,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1760, 61.8625, 95.4188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 213, 245) }
```

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

```
.background{ background-color: rgb(162,  
213, 245) }
```

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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