

Converting Colors

XYZ(55.0912, 63.5109, 96.6123)

Have a look what the booklet for
XYZ(55.0912, 63.5109, 96.6123)
contains.

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Color

**XYZ(55.2235, 63.7652,
96.5861)**

Conversions

Conversions Part 1

Format	Color
Hex	9BDAF6
RGB	155, 218, 246
RGB Percent	61%, 85%, 96%
CMY	0.3921, 0.1451, 0.0353
CMYK	0.37, 0.11, 0.00, 0.04
HSL	198°, 83%, 79%
HSV	198°, 37%, 96%
XYZ	55.2235, 63.7652, 96.5861
YIQ	202.3550, -46.5360, -4.6480

Conversions

Conversions Part 2

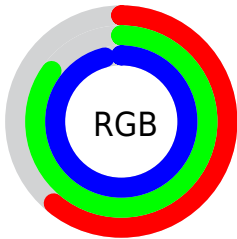
Format	Color
RYB	155, 192, 246
Decimal	10214134
CIELab	83.84, -13.14, -20.02
CIELCh	84, 23.950, 236.729
Yxy	63.7652, 0.2562, 0.2958
Android (android.graphics.Color)	4288404214 (0xFF9BDAF6)
YUV	202.3550, 21.5170, -41.5303
Hunter-Lab	79.8531, -16.2989, -15.8169

Details

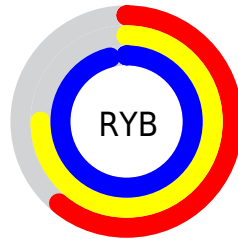
The XYZ color **55.2235, 63.7652, 96.5861** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **60.8570, 55.8273, 38.5802**, and the grayscale version is **56.2529, 59.1824, 64.4497**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **27.6470, 32.6214, 53.5546** is the 20% darker color. If you saturate the color by 10%, you get **49.0569, 57.7401, 95.7493**, and if you desaturate by 10%, it is **62.4454, 70.4703, 97.5008**.

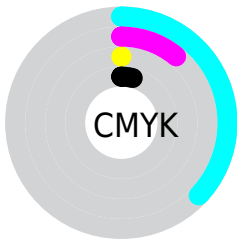
Distribution



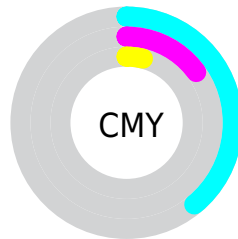
- Red (61%)
- Green (85%)
- Blue (96%)



- Red (61%)
- Yellow (75%)
- Blue (96%)



- Cyan (37%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (39%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2235, 63.7652, 96.5861 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 55.2235, 63.7652, 96.5861 by changing the saturation by 10% instead.

■ 55.2235, 63.7652,
96.5861

■ 55.2235, 63.7652,
96.5861

396.8812,
438.3412, 570.3439

■ 39.8152, 46.4605,
72.8516

■ 97.0148, 110.2727,
158.4684

■ 27.5781, 32.6094,
53.3636

■ 124.1285,
140.2443, 197.4534

■ 18.1467, 21.8274,
37.7034

155.8747,
175.2071, 242.3589

■ 11.1557, 13.7301,
25.4525

192.6188,
215.5453, 293.6035

■ 6.2397, 7.9332,
16.1924

234.7262,
261.6435, 351.6058

■ 3.0334, 4.0522,
9.5046

282.5621,

■ 1.1715, 1.7028,

313.8859, 416.7842

4.9705

336.4920,
372.6570, 489.5574

■ 0.0837, 0.4255,
2.1715

■ 0.0000, 0.0000,
0.6579

■ 55.2235, 63.7652,
96.5861

■ 55.2235, 63.7652,
96.5861

■ 49.0569, 57.7401,
95.7493

■ 62.4454, 70.4703,
97.5008

■ 43.8797, 52.3548,
94.9827

■ 70.7716, 77.8781,
98.4918

■ 39.6274, 47.5759,
94.2844

■ 80.2550, 86.0189,
99.5633

■ 36.2249, 43.3628,
93.6505

■ 90.9434, 94.9191,
100.7179

■ 33.5841, 39.6682,
93.0765

■ 93.6348, 99.4339,
101.4475

■ 31.5927, 36.4323,
92.5569

■ 31.0683, 35.5210,
92.4087

Harmonies

Analogous

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



52.0112, 63.7652, 83.2959



55.2235, 63.7652, 96.5861



60.0313, 63.7652, 102.5662

Triad

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



55.2235, 63.7652, 96.5861



71.2808, 63.7652, 71.0963



56.1688, 63.7652, 46.6299

Complementary

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



55.2235, 63.7652, 96.5861



60.8570, 55.8273, 38.5802

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.



61.1862, 63.7652, 44.3302



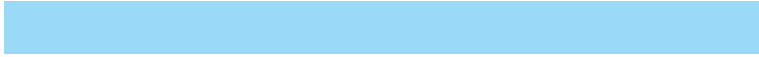
55.2235, 63.7652, 96.5861



70.1010, 63.7652, 57.1942

Square

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



55.2235, 63.7652, 96.5861



69.4667, 63.7652, 86.5719



66.3293, 63.7652, 47.9096



52.5344, 63.7652, 54.7139

Rectangle

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



55.2235, 63.7652, 96.5861



63.5664, 63.7652, 101.0443



66.3293, 63.7652, 47.9096



57.7408, 63.7652, 45.2103

Sweetspot

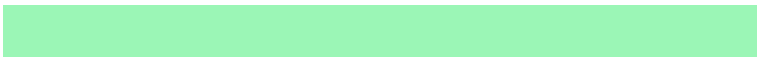
The Sweet Spot groups the original color and five complimentary colors.



55.2255, 63.7677, 96.5876



82.7811, 89.6795, 107.5546



54.9493, 76.2713, 56.2461



17.4183, 18.9376, 22.9872



0.0000, 0.0000, 0.0000



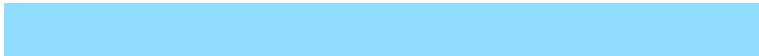
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2255, 63.7677, 96.5876



55.0622, 64.4801, 104.1516



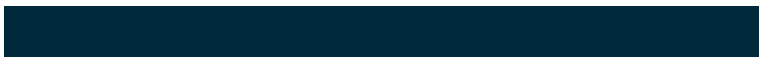
45.1357, 43.5880, 93.2243



16.5414, 17.8471, 21.1156



16.7129, 19.2196, 49.3669



1.5597, 1.8708, 4.3691

Inverse Universe

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



62.3839, 48.0992, 72.3284



64.0143, 46.0377, 73.5556



71.6122, 77.3376, 42.1653



16.9838, 16.6764, 19.6615



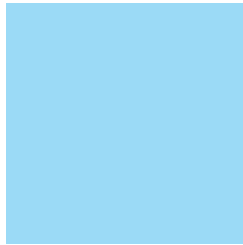
24.2404, 12.0396, 21.7722



2.1763, 1.0765, 2.1549

Previews

White Background



This preview shows how the XYZ color 55.2235, 63.7652, 96.5861 looks on a white background.

Color Contrast Check

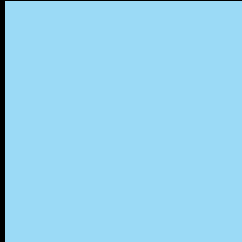
Large Text (above 18pt) WCAG AA × Fail

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 55.2235, 63.7652, 96.5861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

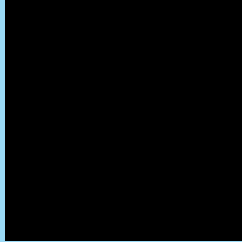
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2235, 63.7652, 96.5861

Background



This preview shows how black text looks on a background with the XYZ color 55.2235, 63.7652, 96.5861.



This preview shows how white text looks on a background with the XYZ color 55.2235, 63.7652,

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

55.2235, 63.7652, 96.5861

Protanopia

62.3740, 63.4952, 89.8573

Deuteranopia

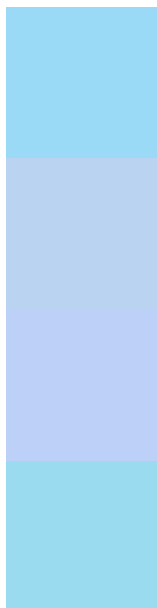
64.7042, 63.4352, 98.4565



Tritanopia

53.7544, 63.5498, 89.5539

Trichromacy



Original Color

55.2235, 63.7652, 96.5861

Protanomaly

59.4211, 63.3785, 92.3205

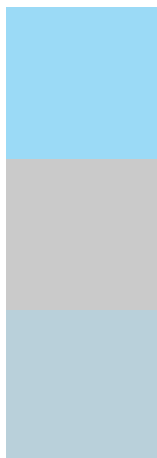
Deuteranomaly

60.7300, 63.1971, 97.8044

Tritanomaly

54.3861, 63.8243, 91.8910

Monochromacy



Original Color

55.2235, 63.7652, 96.5861

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.2183, 60.4880, 75.0947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2235, 63.7652, 96.5861 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, 218, 246)` looks like.

```
.text, #text, p{  
    color:rgb(155, 218, 246)  
}
```

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, 218, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 218, 246) }
```

Border

The CSS property to change the border of an element to XYZ 55.2235, 63.7652, 96.5861 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, 218, 246) }
```


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

```
.border{ border-color:rgb(155, 218, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 218, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 218, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 218, 246);  
box-shadow:4px 4px 4px 4px rgb(155, 218,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2235, 63.7652, 96.5861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 218, 246) }
```

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

```
.background{ background-color: rgb(155,  
218, 246) }
```

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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