

Converting Colors

XYZ(55.5930, 65.7461,
104.3680)

Have a look what the booklet for
XYZ(55.5930, 65.7461, 104.3680)
contains.

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Color

**XYZ(55.5930, 65.7461,
104.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	8EDFFF
RGB	142, 223, 255
RGB Percent	56%, 87%, 100%
CMY	0.4431, 0.1255, 0.0000
CMYK	0.44, 0.13, 0.00, 0.00
HSL	197°, 100%, 78%
HSV	197°, 44%, 100%
XYZ	55.5930, 65.7461, 104.3680
YIQ	202.4290, -58.5480, -7.2200

Conversions

Conversions Part 2

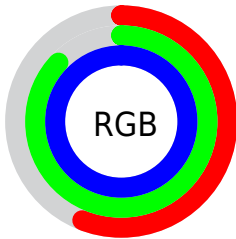
Format	Color
R_{YB}	142, 189, 255
Decimal	9363455
CIE _{Lab}	84.87, -16.62, -23.29
CIE _{LCh}	85, 28.612, 234.483
Yxy	65.7461, 0.2463, 0.2913
Android (android.graphics.Color)	4287553535 (0xFF8EDFFF)
YUV	202.4290, 25.9175, -52.9962
Hunter-Lab	81.0840, -19.5133, -19.5569

Details

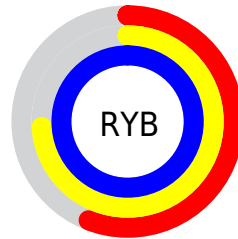
The XYZ color **55.5930, 65.7461, 104.3680** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **61.2592, 53.4858, 32.6883**, and the grayscale version is **56.2779, 59.2087, 64.4783**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **27.8518, 33.9673, 58.5145** is the 20% darker color. If you saturate the color by 10%, you get **49.8201, 59.9683, 103.5570**, and if you desaturate by 10%, it is **62.4526, 72.2092, 105.2539**.

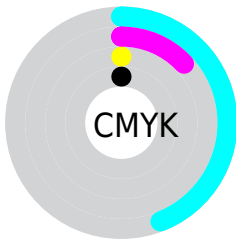
Distribution



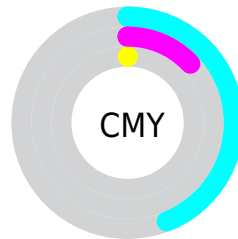
- Red (56%)
- Green (87%)
- Blue (100%)



- Red (56%)
- Yellow (74%)
- Blue (100%)



- Cyan (44%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5930, 65.7461, 104.3680 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 55.5930, 65.7461, 104.3680 by changing the saturation by 10% instead.

■ 55.5930, 65.7461,
104.3680

■ 55.5930, 65.7461,
104.3680

398.2558,
445.4683, 595.4738

■ 40.1124, 48.0663,
79.3163

■ 97.5525, 113.1218,
169.2510

■ 27.8108, 33.8794,
58.6330

■ 124.7622,
143.5866, 209.9194

■ 18.3228, 22.8010,
41.8997

156.6122,
179.0818, 256.6304

■ 11.2831, 14.4466,
28.6978

193.4680,
219.9918, 309.8026

■ 6.3263, 8.4319,
18.6087

235.6949,
266.7011, 369.8545

■ 3.0870, 4.3726,
11.2139

283.6583,

■ 1.1999, 1.8841,

319.5940, 437.2046

6.0949

337.7235,
379.0549, 512.2715

■ 0.1063, 0.5388,
2.8332

■ 0.0000, 0.0000,
1.0101

■ 55.5930, 65.7461,
104.3680

■ 55.5930, 65.7461,
104.3680

■ 49.8201, 59.9683,
103.5570

■ 62.4526, 72.2092,
105.2539

■ 45.0581, 54.8308,
102.8163

■ 70.4568, 79.3846,
106.2170

■ 41.2299, 50.2938,
102.1424

■ 79.6661, 87.3062,
107.2607

■ 38.2439, 46.3085,
101.5305

■ 90.1348, 96.0036,
108.3877

■ 35.9881, 42.8156,
100.9752

95.0500, 100.0000,
108.9000

■ 34.9407, 41.0015,
100.6802

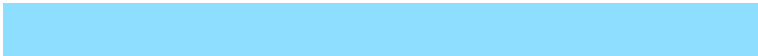
Harmonies

Analogous

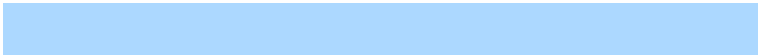
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.9209, 65.7461, 87.2499



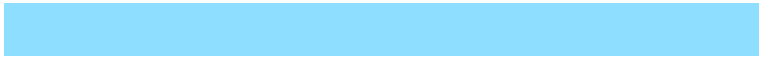
55.5930, 65.7461, 104.3680



61.3110, 65.7461, 112.8289

Triad

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



55.5930, 65.7461, 104.3680



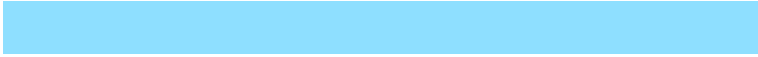
75.5916, 65.7461, 75.0374



57.5151, 65.7461, 44.0050

Complementary

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



55.5930, 65.7461, 104.3680



61.2592, 53.4858, 32.6883

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.



63.6834, 65.7461, 41.8623



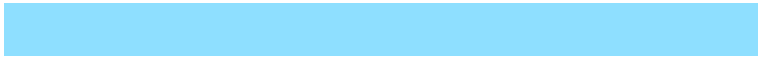
55.5930, 65.7461, 104.3680



74.4034, 65.7461, 57.9194

Square

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



55.5930, 65.7461, 104.3680



73.0789, 65.7461, 94.1371



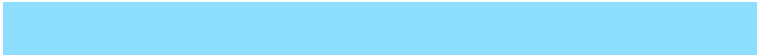
69.9344, 65.7461, 46.5069



52.9763, 65.7461, 52.9593

Rectangle

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



55.5930, 65.7461, 104.3680



65.6261, 65.7461, 111.5349



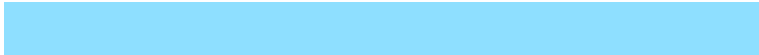
69.9344, 65.7461, 46.5069



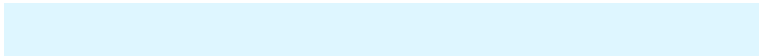
59.4548, 65.7461, 42.5366

Sweetspot

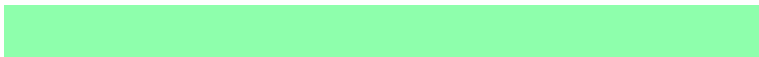
The Sweet Spot groups the original color and five complimentary colors.



55.5948, 65.7485, 104.3683



80.9665, 88.4023, 107.4037



54.3758, 80.2551, 51.7236



16.8645, 18.5286, 22.9375



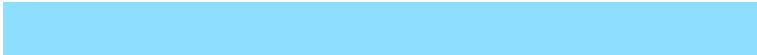
0.0000, 0.0000, 0.0000



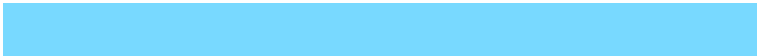
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5948, 65.7485, 104.3683



50.5183, 60.6890, 103.6593



43.2773, 41.1135, 100.2625



18.0947, 19.5609, 23.0719



18.3906, 21.6908, 52.6520



1.8836, 2.2978, 5.1575

Inverse Universe

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



64.2335, 45.9354, 75.2955



60.4277, 39.6526, 69.9305



74.0412, 79.0497, 36.9489



18.5604, 18.2075, 21.5684



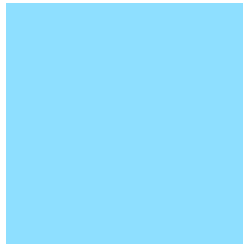
26.0709, 12.9177, 24.8217



2.5853, 1.2765, 2.6638

Previews

White Background



This preview shows how the XYZ color 55.5930, 65.7461, 104.3680 looks on a white background.

Color Contrast Check

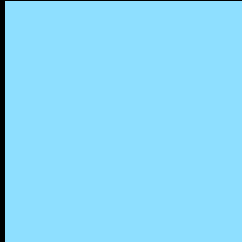
Large Text (above 18pt) WCAG AA × Fail

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 55.5930, 65.7461, 104.3680 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

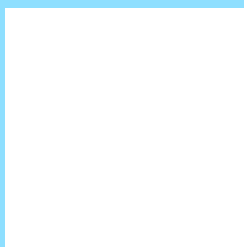
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5930, 65.7461, 104.3680

Background



This preview shows how black text looks on a background with the XYZ color 55.5930, 65.7461, 104.3680.



This preview shows how white text looks on a background with the XYZ color 55.5930, 65.7461,

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

55.5930, 65.7461, 104.3680

Protanopia

64.3369, 65.0921, 96.3619

Deuteranopia

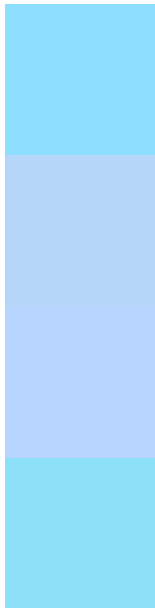
66.3752, 65.2555, 103.7050



Tritanopia

53.7503, 65.8105, 94.6638

Trichromacy



Original Color

55.5930, 65.7461, 104.3680

Protanomaly

60.2015, 64.7564, 98.9488

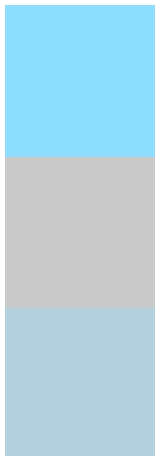
Deuteranomaly

61.6114, 64.9988, 103.9065

Tritanomaly

54.2594, 65.6022, 97.7984

Monochromacy



Original Color

55.5930, 65.7461, 104.3680

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.9201, 61.0169, 77.2895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5930, 65.7461, 104.3680 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(142, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(142, 223, 255)  
}
```

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(142, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.5930, 65.7461, 104.3680 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(142, 223, 255) }
```


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

```
.border{ border-color:rgb(142, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(142, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5930, 65.7461, 104.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 223, 255) }
```

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

```
.background{ background-color: rgb(142,  
223, 255) }
```

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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