

Converting Colors

XYZ(60.4640, 64.0139,
131.0827)

Have a look what the booklet for
XYZ(60.4640, 64.0139, 131.0827)
contains.

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Color

**XYZ(55.4230, 62.1832,
103.6892)**

Conversions

Conversions Part 1

Format	Color
Hex	9AD6FF
RGB	154, 214, 255
RGB Percent	60%, 84%, 100%
CMY	0.3961, 0.1608, 0.0000
CMYK	0.40, 0.16, 0.00, 0.00
HSL	204°, 100%, 80%
HSV	204°, 40%, 100%
XYZ	55.4230, 62.1832, 103.6892
YIQ	200.7340, -48.9210, 0.0310

Conversions

Conversions Part 2

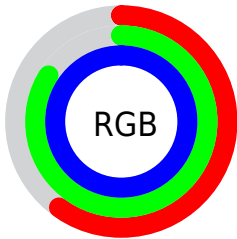
Format	Color
RYB	154, 192, 255
Decimal	10147583
CIELab	83.01, -9.05, -26.06
CIELCh	83, 27.586, 250.852
Yxy	62.1832, 0.2504, 0.2810
Android (android.graphics.Color)	4288337663 (0xFF9AD6FF)
YUV	200.7340, 26.7531, -40.9857
Hunter-Lab	78.8563, -12.5425, -22.7618

Details

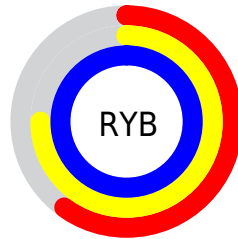
The XYZ color **55.4230, 62.1832, 103.6892** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.5883, 62.6237, 39.1517**, and the grayscale version is **55.2157, 58.0912, 63.2613**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **27.6282, 31.4702, 58.0443** is the 20% darker color. If you saturate the color by 10%, you get **48.5386, 54.8693, 102.6403**, and if you desaturate by 10%, it is **63.5083, 70.3661, 104.8425**.

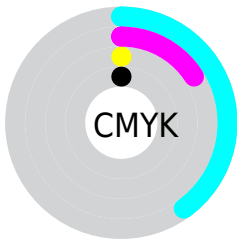
Distribution



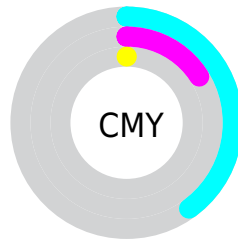
- Red (60%)
- Green (84%)
- Blue (100%)



- Red (60%)
- Yellow (75%)
- Blue (100%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4230, 62.1832, 103.6892 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 55.4230, 62.1832, 103.6892 by changing the saturation by 10% instead.

■ 55.4230, 62.1832,
103.6892

■ 55.4230, 62.1832,
103.6892

397.6238,
432.5990, 593.3043

■ 39.9757, 45.1807,
78.7511

■ 97.3052, 107.9903,
168.3138

■ 27.7037, 31.5998,
58.1711

■ 124.4707,
137.5637, 208.8373

■ 18.2417, 21.0560,
41.5306

156.2730,
172.0962, 255.3931

■ 11.2244, 13.1650,
28.4111

193.0775,
211.9722, 308.3996

■ 6.2864, 7.5422,
18.3940

235.2494,
257.5761, 368.2755

■ 3.0623, 3.8035,
11.0609

283.1542,

■ 1.1868, 1.5642,

309.2922, 435.4392

5.9931

337.1572,
367.5051, 510.3093

■ 0.0959, 0.3333,
2.7722

■ 0.0000, 0.0000,
0.9795

■ 55.4230, 62.1832,
103.6892

■ 55.4230, 62.1832,
103.6892

■ 48.5386, 54.8693,
102.6403

■ 63.5083, 70.3661,
104.8425

■ 42.7808, 48.3774,
101.6907

■ 72.8522, 79.4481,
106.1030

■ 38.0748, 42.6656,
100.8363

■ 83.5148, 89.4657,
107.4746

■ 34.3334, 37.6841,
100.0719

95.0500, 100.0000,
108.9000

■ 31.4532, 33.3748,
99.3920

■ 29.2743, 29.6498,
98.7878

■ 29.1957, 29.5114,
98.7652

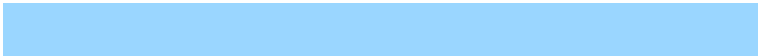
Harmonies

Analogous

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



50.8510, 62.1832, 91.5266



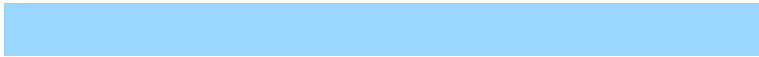
55.4230, 62.1832, 103.6892



61.2874, 62.1832, 105.3308

Triad

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



55.4230, 62.1832, 103.6892



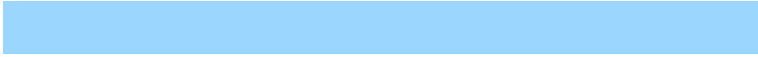
71.0892, 62.1832, 61.7133



51.9190, 62.1832, 45.7900

Complementary

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



55.4230, 62.1832, 103.6892



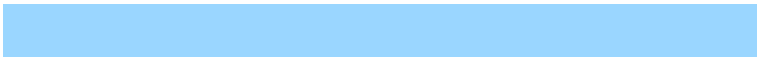
66.5883, 62.6237, 39.1517

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.



56.9716, 62.1832, 40.3156



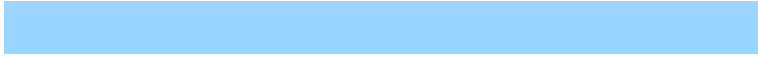
55.4230, 62.1832, 103.6892



68.2033, 62.1832, 48.4262

Square

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



55.4230, 62.1832, 103.6892



70.6049, 62.1832, 79.0544



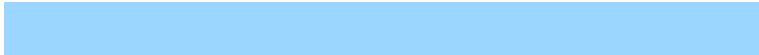
62.9430, 62.1832, 41.1918



48.9239, 62.1832, 57.5009

Rectangle

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



55.4230, 62.1832, 103.6892



65.1777, 62.1832, 99.9763



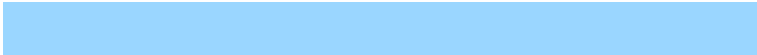
62.9430, 62.1832, 41.1918



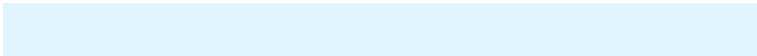
53.4185, 62.1832, 43.2563

Sweetspot

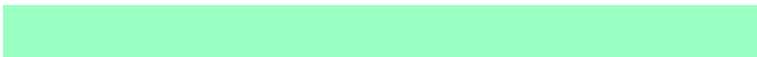
The Sweet Spot groups the original color and five complimentary colors.



55.4248, 62.1855, 103.6895



80.8393, 86.9807, 107.1360



58.8701, 82.3036, 64.0597



16.9975, 18.3322, 22.8925



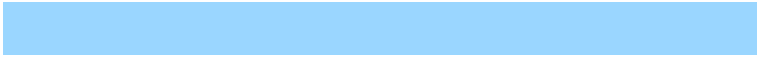
0.0000, 0.0000, 0.0000



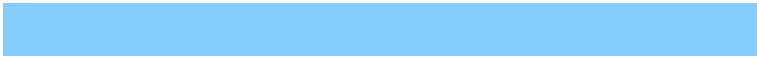
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4248, 62.1855, 103.6895



49.5667, 55.9877, 102.8020



44.6713, 40.6786, 100.1051



17.9003, 19.1722, 23.0071



15.4058, 15.7212, 51.6571



1.6074, 1.7454, 5.0655

Inverse Universe

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



64.9344, 49.2279, 69.7004



60.6304, 42.3488, 62.9359



79.6954, 88.8378, 43.5208



18.4623, 18.1682, 21.0517



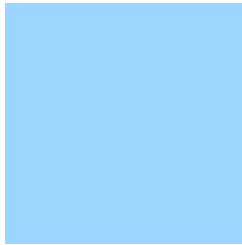
24.5643, 12.3150, 16.8881



2.4459, 1.2207, 1.9297

Previews

White Background



This preview shows how the XYZ color 55.4230, 62.1832, 103.6892 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 55.4230, 62.1832, 103.6892 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 55.4230, 62.1832, 103.6892

Background



This preview shows how black text looks on a background with the XYZ color 55.4230, 62.1832, 103.6892.



This preview shows how white text looks on a background with the XYZ color 55.4230, 62.1832,

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

55.4230, 62.1832, 103.6892

Protanopia

61.3011, 61.6988, 97.4851

Deuteranopia

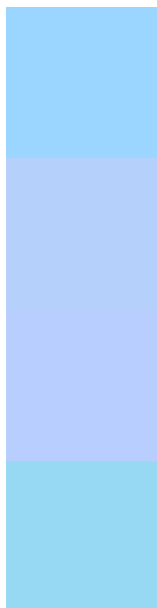
62.9899, 61.7404, 103.2049



Tritanopia

52.2027, 62.0134, 87.8157

Trichromacy



Original Color

55.4230, 62.1832, 103.6892

Protanomaly

59.0245, 61.9005, 100.1039

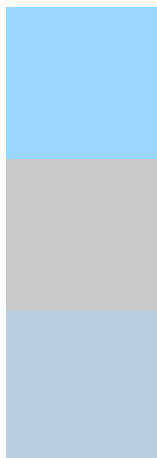
Deuteranomaly

59.6497, 61.4299, 103.3210

Tritanomaly

53.3454, 62.1018, 93.1797

Monochromacy



Original Color

55.4230, 62.1832, 103.6892

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.8896, 59.5534, 77.0086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4230, 62.1832, 103.6892 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(154, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(154, 214, 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(154, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.4230, 62.1832, 103.6892 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(154, 214, 255) }
```


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

```
.border{ border-color:rgb(154, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(154, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4230, 62.1832, 103.6892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 214, 255) }
```

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

```
.background{ background-color: rgb(154,  
214, 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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