

Converting Colors

XYZ(73.0529, 69.5561,
199.6505)

Have a look what the booklet for
XYZ(73.0529, 69.5561, 199.6505)
contains.

XYZ(54.7449, 62.2104, 103.7302)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.7449, 62.2104,
103.7302)**

Conversions

Conversions Part 1

Format	Color
Hex	95D7FF
RGB	149, 215, 255
RGB Percent	58%, 84%, 100%
CMY	0.4157, 0.1568, 0.0000
CMYK	0.42, 0.16, 0.00, 0.00
HSL	203°, 100%, 79%
HSV	203°, 42%, 100%
XYZ	54.7449, 62.2104, 103.7302
YIQ	199.8260, -52.1760, -1.5520

Conversions

Conversions Part 2

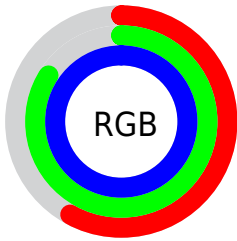
Format	Color
R_{YB}	149, 190, 255
Decimal	9820159
CIE _{Lab}	83.03, -10.82, -26.06
CIE _{LCh}	83, 28.218, 247.450
Yxy	62.2104, 0.2481, 0.2819
Android (android.graphics.Color)	4288010239 (0xFF95D7FF)
YUV	199.8260, 27.2008, -44.5744
Hunter-Lab	78.8736, -14.1347, -22.7635

Details

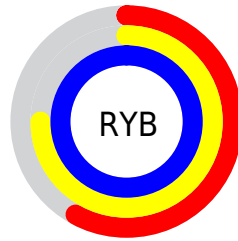
The XYZ color **54.7449, 62.2104, 103.7302** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.8632, 59.8260, 36.5648**, and the grayscale version is **54.6553, 57.5016, 62.6193**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **27.1775, 31.4941, 58.0727** is the 20% darker color. If you saturate the color by 10%, you get **48.2135, 55.3136, 102.7432**, and if you desaturate by 10%, it is **62.4424, 69.9251, 104.8136**.

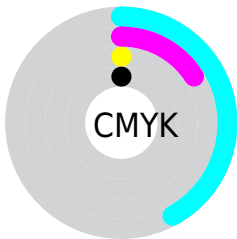
Distribution



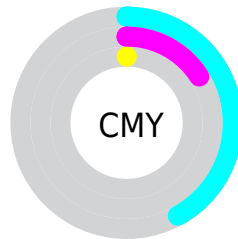
- Red (58%)
- Green (84%)
- Blue (100%)



- Red (58%)
- Yellow (75%)
- Blue (100%)



- Cyan (42%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7449, 62.2104, 103.7302 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 54.7449, 62.2104, 103.7302 by changing the saturation by 10% instead.

■ 54.7449, 62.2104,
103.7302

■ 54.7449, 62.2104,
103.7302

395.0964,
432.6981, 593.4355

■ 39.4306, 45.2027,
78.7852

■ 96.3176, 108.0296,
168.3704

■ 27.2771, 31.6171,
58.1990

■ 123.3067,
137.6098, 208.9027

■ 17.9191, 21.0692,
41.5529

154.9180,
172.1498, 255.4678

■ 10.9912, 13.1746,
28.4284

191.5170,
212.0338, 308.4844

■ 6.1282, 7.5489,
18.4070

233.4689,
257.6462, 368.3709

■ 2.9646, 3.8077,
11.0701

281.1393,

■ 1.1351, 1.5666,

309.3715, 435.5459

5.9993

334.8933,
367.5940, 510.4279

■ 0.0541, 0.3349,
2.7758

■ 0.0000, 0.0000,
0.9813

■ 54.7449, 62.2104,
103.7302

■ 54.7449, 62.2104,
103.7302

■ 48.2135, 55.3136,
102.7432

■ 62.4424, 69.9251,
104.8136

■ 42.7732, 49.1882,
101.8476

■ 71.3642, 78.4870,
105.9960

■ 38.3480, 43.7927,
101.0394

■ 81.5707, 87.9322,
107.2811

■ 34.8489, 39.0773,
100.3137

■ 93.1165, 98.2921,
108.6723

■ 32.1690, 34.9830,
99.6646

95.0500, 100.0000,
108.9000

■ 30.4099, 31.9398,
99.1700

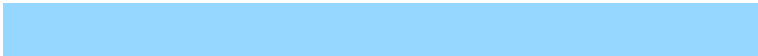
Harmonies

Analogous

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



50.2991, 62.2104, 90.2803



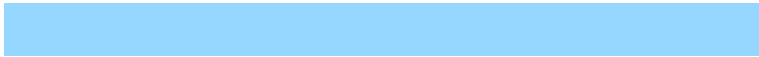
54.7449, 62.2104, 103.7302



60.6628, 62.2104, 106.7948

Triad

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



54.7449, 62.2104, 103.7302



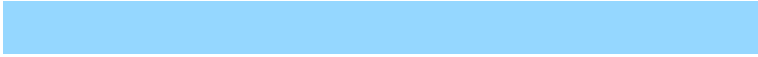
71.5363, 62.2104, 63.4744



52.2810, 62.2104, 44.4187

Complementary

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



54.7449, 62.2104, 103.7302



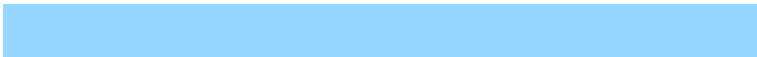
64.8632, 59.8260, 36.5648

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.



57.6216, 62.2104, 39.5937



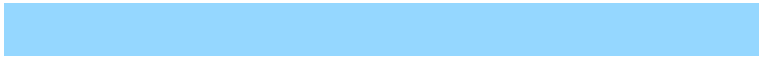
54.7449, 62.2104, 103.7302



68.9364, 62.2104, 49.2977

Square

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



54.7449, 62.2104, 103.7302



70.6345, 62.2104, 81.4500



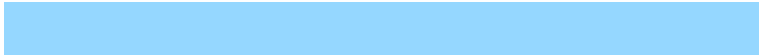
63.7414, 62.2104, 41.2122



48.9463, 62.2104, 55.6558

Rectangle

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



54.7449, 62.2104, 103.7302



64.7015, 62.2104, 102.1263



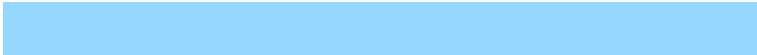
63.7414, 62.2104, 41.2122



53.8862, 62.2104, 42.0896

Sweetspot

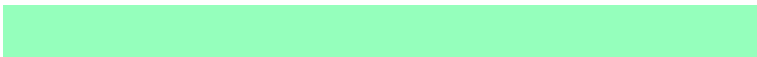
The Sweet Spot groups the original color and five complimentary colors.



54.7467, 62.2127, 103.7305



81.1010, 87.5041, 107.2232



57.2184, 81.5353, 60.2256



17.0592, 18.4555, 22.9131



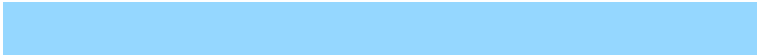
0.0000, 0.0000, 0.0000



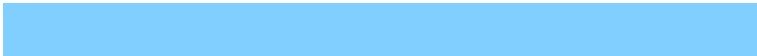
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7467, 62.2127, 103.7305



49.1629, 56.3423, 102.8917



43.5670, 39.8534, 100.0040



17.9453, 19.2621, 23.0221



16.0382, 16.9860, 51.8679



1.6668, 1.8644, 5.0853

Inverse Universe

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



64.2544, 47.6630, 70.1056



60.1430, 41.0678, 63.7172



78.0813, 86.2622, 40.9708



18.4850, 18.1773, 21.1712



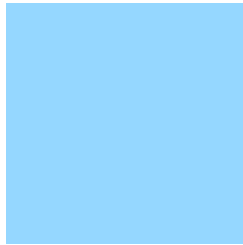
24.8836, 12.4427, 18.5691



2.4760, 1.2328, 2.0878

Previews

White Background



This preview shows how the XYZ color 54.7449, 62.2104, 103.7302 looks on a white background.

Color Contrast Check

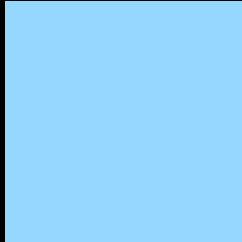
Large Text (above 18pt) WCAG AA × Fail

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 54.7449, 62.2104, 103.7302 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

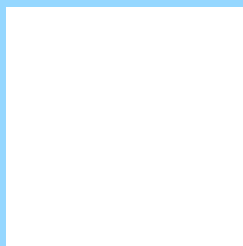
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7449, 62.2104, 103.7302

Background



This preview shows how black text looks on a background with the XYZ color 54.7449, 62.2104, 103.7302.



This preview shows how white text looks on a background with the XYZ color 54.7449, 62.2104,

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

54.7449, 62.2104, 103.7302

Protanopia

61.4073, 61.7714, 96.6823

Deuteranopia

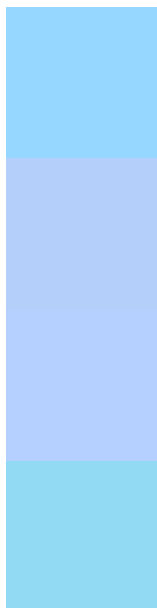
62.9899, 61.7404, 103.2049



Tritanopia

51.7133, 62.1282, 88.6232

Trichromacy



Original Color

54.7449, 62.2104, 103.7302

Protanomaly

58.6336, 61.7172, 99.2648

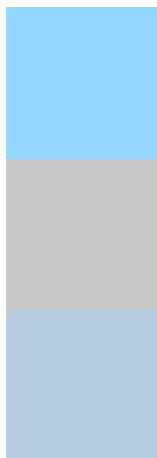
Deuteranomaly

59.4189, 61.6694, 103.3794

Tritanomaly

52.8446, 62.2078, 94.0161

Monochromacy



Original Color

54.7449, 62.2104, 103.7302

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.8056, 58.6537, 76.1956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7449, 62.2104, 103.7302 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(149, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(149, 215, 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(149, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 54.7449, 62.2104, 103.7302 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(149, 215, 255) }
```


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

```
.border{ border-color:rgb(149, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(149, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7449, 62.2104, 103.7302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 215, 255) }
```

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

```
.background{ background-color: rgb(149,  
215, 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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