

Converting Colors

XYZ(55.2747, 64.4089, 99.6784)

Have a look what the booklet for
XYZ(55.2747, 64.4089, 99.6784)
contains.

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Color

**XYZ(55.4262, 64.5726,
99.9850)**

Conversions

Conversions Part 1

Format	Color
Hex	96DCFA
RGB	150, 220, 250
RGB Percent	59%, 86%, 98%
CMY	0.4117, 0.1372, 0.0196
CMYK	0.40, 0.12, 0.00, 0.02
HSL	198°, 91%, 78%
HSV	198°, 40%, 98%
XYZ	55.4262, 64.5726, 99.9850
YIQ	202.4900, -51.3500, -5.5100

Conversions

Conversions Part 2

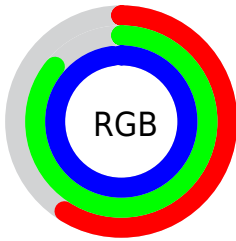
Format	Color
RYB	150, 191, 250
Decimal	9886970
CIELab	84.26, -14.44, -21.53
CIElCh	84, 25.922, 236.153
Yxy	64.5726, 0.2520, 0.2935
Android (android.graphics.Color)	4288077050 (0xFF96DCFA)
YUV	202.4900, 23.4224, -46.0337
Hunter-Lab	80.3571, -17.5047, -17.5221

Details

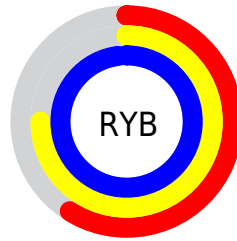
The XYZ color **55.4262, 64.5726, 99.9850** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **61.2518, 55.1696, 36.2764**, and the grayscale version is **56.3279, 59.2614, 64.5356**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **27.6969, 33.1402, 55.3890** is the 20% darker color. If you saturate the color by 10%, you get **49.3833, 58.6020, 99.1522**, and if you desaturate by 10%, it is **62.5427, 71.2307, 100.8962**.

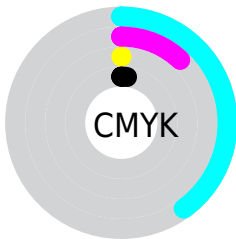
Distribution



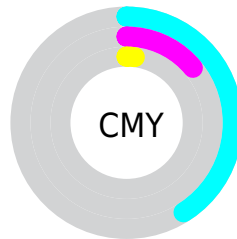
- Red (59%)
- Green (86%)
- Blue (98%)



- Red (59%)
- Yellow (75%)
- Blue (98%)



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (41%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4262, 64.5726, 99.9850 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 55.4262, 64.5726, 99.9850 by changing the saturation by 10% instead.

■ 55.4262, 64.5726,
99.9850

■ 55.4262, 64.5726,
99.9850

397.6357,
441.2545, 581.3908

■ 39.9782, 47.1146,
75.6712

■ 97.3098, 111.4352,
163.1883

■ 27.7057, 33.1263,
55.6579

■ 124.4762,
141.6085, 202.9148

■ 18.2433, 22.2232,
39.5265

156.2794,
176.7891, 248.6160

■ 11.2255, 14.0210,
26.8586

193.0848,
217.3613, 300.7104

■ 6.2871, 8.1353,
17.2356

235.2578,
263.7096, 359.6166

■ 3.0628, 4.1816,
10.2389

283.1637,

■ 1.1870, 1.7757,

316.2183, 425.7530

5.4499

337.1679,
375.2718, 499.5382

■ 0.0961, 0.4719,
2.4503

■ 0.0000, 0.0000,
0.8136

■ 55.4262, 64.5726,
99.9850

■ 55.4262, 64.5726,
99.9850

■ 49.3833, 58.6020,
99.1522

■ 62.5427, 71.2307,
100.8962

■ 44.3439, 53.2766,
98.3899

■ 70.7854, 78.6007,
101.8843

■ 40.2386, 48.5605,
97.6960

■ 80.2103, 86.7145,
102.9537

■ 36.9857, 44.4097,
97.0662

■ 90.8680, 95.5998,
104.1070

■ 34.4882, 40.7724,
96.4958

■ 94.2555, 99.6822,
104.7164

■ 32.5867, 37.5646,
95.9768

■ 32.5865, 37.5641,
95.9768

Harmonies

Analogous

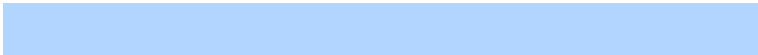
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.9851, 64.5726, 85.1915



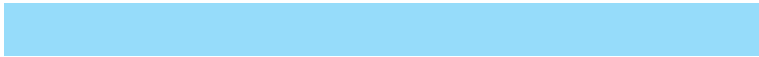
55.4262, 64.5726, 99.9850



60.6363, 64.5726, 106.8238

Triad

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



55.4262, 64.5726, 99.9850



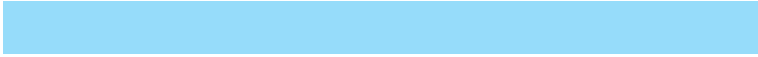
73.0661, 64.5726, 72.4523



56.6340, 64.5726, 45.5674

Complementary

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



55.4262, 64.5726, 99.9850



61.2518, 55.1696, 36.2764

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.



62.1183, 64.5726, 43.2366



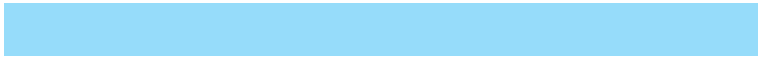
55.4262, 64.5726, 99.9850



71.8311, 64.5726, 57.2686

Square

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



55.4262, 64.5726, 99.9850



71.0112, 64.5726, 89.4379



67.7335, 64.5726, 47.1753



52.6513, 64.5726, 54.1220

Rectangle

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



55.4262, 64.5726, 99.9850



64.4983, 64.5726, 105.2754



67.7335, 64.5726, 47.1753



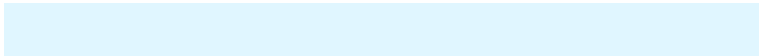
58.3529, 64.5726, 44.0936

Sweetspot

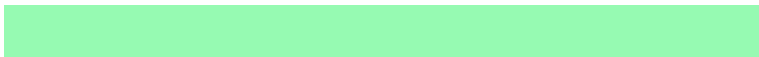
The Sweet Spot groups the original color and five complimentary colors.



55.4282, 64.5751, 99.9865



81.8158, 88.9337, 107.4615



54.8343, 78.0844, 54.4787



17.2278, 18.7927, 22.9693



0.0000, 0.0000, 0.0000



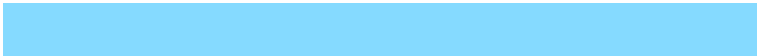
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4282, 64.5751, 99.9865



52.8044, 62.4632, 103.8813



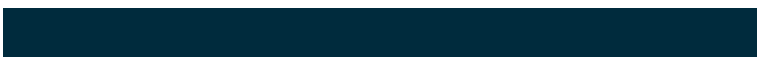
44.5238, 42.7663, 96.3517



17.3005, 18.6779, 22.0786



17.4167, 20.1889, 50.9524



1.7058, 2.0553, 4.7500

Inverse Universe

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



63.2507, 47.3058, 73.5101



62.2647, 43.0025, 71.5419



72.7660, 78.1979, 40.1145



17.7582, 17.4306, 20.5826



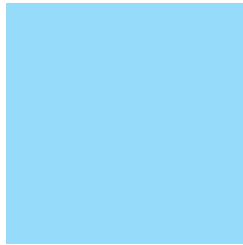
25.0832, 12.4490, 22.9441



2.3699, 1.1717, 2.3715

Previews

White Background



This preview shows how the XYZ color 55.4262, 64.5726, 99.9850 looks on a white background.

Color Contrast Check

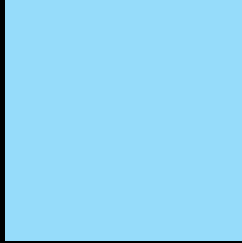
Large Text (above 18pt) WCAG AA × Fail

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 55.4262, 64.5726, 99.9850 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

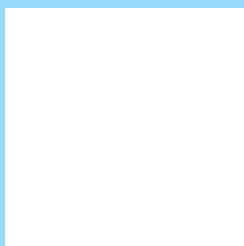
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4262, 64.5726, 99.9850

Background



This preview shows how black text looks on a background with the XYZ color 55.4262, 64.5726, 99.9850.

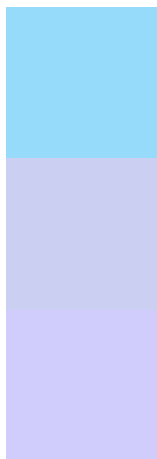


This preview shows how white text looks on a background with the XYZ color 55.4262, 64.5726,

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

55.4262, 64.5726, 99.9850

Protanopia

63.2115, 64.2191, 93.0683

Deuteranopia

65.5734, 64.1644, 101.8574



Tritanopia

53.8821, 64.7369, 92.0937

Trichromacy



Original Color

55.4262, 64.5726, 99.9850

Protanomaly

59.7921, 63.8699, 95.5629

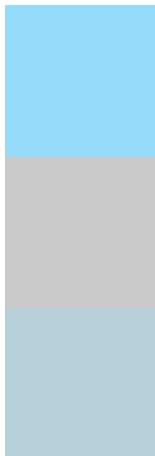
Deuteranomaly

61.1108, 63.6863, 101.1673

Tritanomaly

54.3983, 64.5405, 95.1784

Monochromacy



Original Color

55.4262, 64.5726, 99.9850

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.1151, 60.7827, 75.8452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4262, 64.5726, 99.9850 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(150, 220, 250)` looks like.

```
.text, #text, p{  
    color:rgb(150, 220, 250)  
}
```

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(150, 220, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 220, 250) }
```

Border

The CSS property to change the border of an element to XYZ 55.4262, 64.5726, 99.9850 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(150, 220, 250) }
```


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

```
.border{ border-color:rgb(150, 220, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 220, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 220, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 220, 250);  
box-shadow:4px 4px 4px 4px rgb(150, 220,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4262, 64.5726, 99.9850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 220, 250) }
```

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

```
.background{ background-color: rgb(150,  
220, 250) }
```

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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