

Converting Colors

XYZ(56.0144, 66.9742, 97.9755)

Have a look what the booklet for
XYZ(56.0144, 66.9742, 97.9755)
contains.

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Color

**XYZ(55.9265, 66.8617,
97.9537)**

Conversions

Conversions Part 1

Format	Color
Hex	94E1F7
RGB	148, 225, 247
RGB Percent	58%, 88%, 97%
CMY	0.4196, 0.1176, 0.0314
CMYK	0.40, 0.09, 0.00, 0.03
HSL	193°, 86%, 77%
HSV	193°, 40%, 97%
XYZ	55.9265, 66.8617, 97.9537
YIQ	204.4850, -52.9540, -9.4820

Conversions

Conversions Part 2

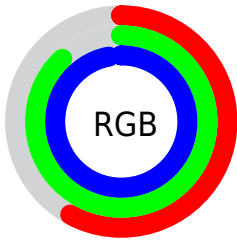
Format	Color
R_{YB}	148, 191, 247
Decimal	9757175
CIE _{Lab}	85.43, -18.23, -18.18
CIE _{LCh}	85, 25.751, 224.924
Yxy	66.8617, 0.2534, 0.3029
Android (android.graphics.Color)	4287947255 (0xFF94E1F7)
YUV	204.4850, 20.9599, -49.5373
Hunter-Lab	81.7690, -21.0094, -13.7871

Details

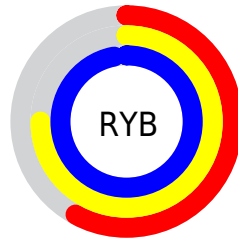
The XYZ color **55.9265, 66.8617, 97.9537** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.0792, 50.6631, 34.7368**, and the grayscale version is **57.5986, 60.5982, 65.9914**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **28.0931, 34.7352, 54.5141** is the 20% darker color. If you saturate the color by 10%, you get **50.4669, 61.8812, 97.2813**, and if you desaturate by 10%, it is **62.3911, 72.4342, 98.6897**.

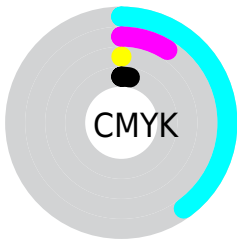
Distribution



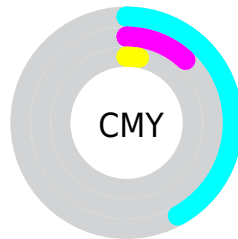
- Red (58%)
- Green (88%)
- Blue (97%)



- Red (58%)
- Yellow (75%)
- Blue (97%)



- Cyan (40%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (42%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9265, 66.8617, 97.9537 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 55.9265, 66.8617, 97.9537 by changing the saturation by 10% instead.

■ 55.9265, 66.8617,
97.9537

■ 55.9265, 66.8617,
97.9537

399.4940,
449.4523, 574.8025

■ 40.3808, 48.9722,
73.9854

■ 98.0375, 114.7222,
160.3695

■ 28.0211, 34.5975,
54.2853

■ 125.3336,
145.4621, 199.6541

■ 18.4821, 23.3530,
38.4351

157.2770,
181.2542, 244.8811

■ 11.3984, 14.8543,
26.0161

194.2333,
222.4829, 296.4692

■ 6.4048, 8.7172,
16.6098

236.5678,
269.5327, 354.8368

■ 3.1357, 4.5572,
9.7977

284.6459,

■ 1.2259, 1.9899,

322.7880, 420.4025

5.1612

338.8328,
382.6330, 493.5849

■ 0.1267, 0.6016,
2.2818

■ 0.0000, 0.0000,
0.7210

■ 55.9265, 66.8617,
97.9537

■ 55.9265, 66.8617,
97.9537

■ 50.4669, 61.8812,
97.2813

■ 62.3911, 72.4342,
98.6897

■ 45.9445, 57.4526,
96.6648

■ 69.9108, 78.6204,
99.4875

■ 42.2927, 53.5422,
96.1025

■ 78.5396, 85.4505,
100.3510

■ 39.4329, 50.1089,
95.5906

■ 88.3258, 92.9501,
101.2828

■ 37.2714, 47.1037,
95.1244

■ 92.9795, 97.8770,
101.9885

■ 35.6639, 44.4658,
94.7000

■ 93.7887, 99.4955,
102.2583

Harmonies

Analogous

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



53.3057, 66.8617, 81.4013



55.9265, 66.8617, 97.9537



60.6740, 66.8617, 108.4769

Triad

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



55.9265, 66.8617, 97.9537



75.0207, 66.8617, 81.4897



60.7018, 66.8617, 45.9387

Complementary

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



55.9265, 66.8617, 97.9537



58.0792, 50.6631, 34.7368

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.



66.5156, 66.8617, 45.9548



55.9265, 66.8617, 97.9537



75.0293, 66.8617, 64.8289

Square

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



55.9265, 66.8617, 97.9537



71.8139, 66.8617, 98.0269



71.8367, 66.8617, 52.3710



55.9458, 66.8617, 52.3228

Rectangle

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



55.9265, 66.8617, 97.9537



64.5188, 66.8617, 109.7710



71.8367, 66.8617, 52.3710



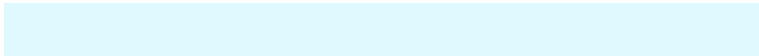
62.5910, 66.8617, 45.2316

Sweetspot

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



55.9286, 66.8643, 97.9553



82.5437, 90.3894, 107.7041



52.6790, 75.7005, 49.5952



17.3997, 19.1366, 23.0266



0.0000, 0.0000, 0.0000



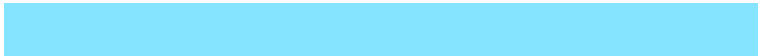
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9286, 66.8643, 97.9553



55.3488, 67.5519, 104.7294



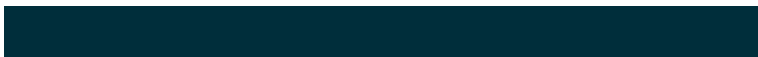
44.5382, 44.0836, 94.1585



16.6661, 18.0965, 21.1571



18.9716, 23.7371, 50.1198



1.7425, 2.2364, 4.4301

Inverse Universe

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



62.5401, 46.3922, 76.8952



63.5490, 43.5162, 78.3048



69.0231, 72.5509, 38.3848



17.0468, 16.7016, 19.9930



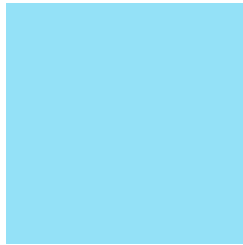
25.3805, 12.4956, 27.7759



2.2686, 1.1134, 2.6408

Previews

White Background



This preview shows how the XYZ color 55.9265, 66.8617, 97.9537 looks on a white background.

Color Contrast Check

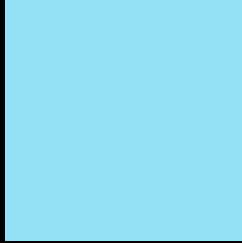
Large Text (above 18pt) WCAG AA × Fail

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 55.9265, 66.8617, 97.9537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

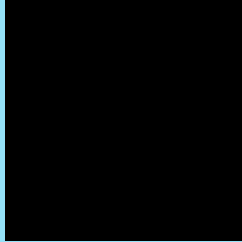
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9265, 66.8617, 97.9537

Background



This preview shows how black text looks on a background with the XYZ color 55.9265, 66.8617, 97.9537.



This preview shows how white text looks on a background with the XYZ color 55.9265, 66.8617,

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

55.9265, 66.8617, 97.9537

Protanopia

65.0214, 66.3169, 90.2624

Deuteranopia

67.9928, 66.5239, 100.5236



Tritanopia

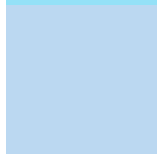
55.5581, 67.1274, 95.6166

Trichromacy



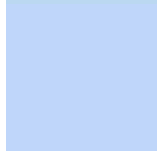
Original Color

55.9265, 66.8617, 97.9537



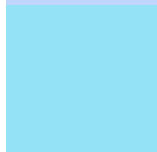
Protanomaly

60.9266, 66.0274, 92.7525



Deuteranomaly

62.7877, 66.0716, 99.8863



Tritanomaly

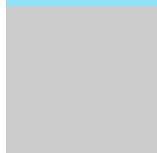
55.7104, 67.1883, 96.4186

Monochromacy



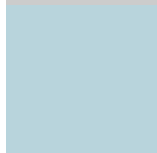
Original Color

55.9265, 66.8617, 97.9537



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

56.2289, 62.4446, 76.7996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9265, 66.8617, 97.9537 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(148, 225, 247)` looks like.

```
.text, #text, p{  
    color:rgb(148, 225, 247)  
}
```

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(148, 225, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 225, 247) }
```

Border

The CSS property to change the border of an element to XYZ 55.9265, 66.8617, 97.9537 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(148, 225, 247) }
```


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

```
.border{ border-color:rgb(148, 225, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 225, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 225, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 225, 247);  
box-shadow:4px 4px 4px 4px rgb(148, 225,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9265, 66.8617, 97.9537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 225, 247) }
```

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

```
.background{ background-color: rgb(148,  
225, 247) }
```

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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