

Converting Colors

XYZ(64.2507, 84.3906, 95.3407)

Have a look what the booklet for
XYZ(64.2507, 84.3906, 95.3407)
contains.

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Color

**XYZ(64.2507, 84.3906,
95.3407)**

Conversions

Conversions Part 1

Format	Color
Hex	97FFF0
RGB	151, 255, 240
RGB Percent	59%, 100%, 94%
CMY	0.4078, 0.0000, 0.0588
CMYK	0.41, 0.00, 0.06, 0.00
HSL	171°, 100%, 80%
HSV	171°, 41%, 100%
XYZ	64.2507, 84.3906, 95.3407
YIQ	222.1940, -57.1690, -26.7130

Conversions

Conversions Part 2

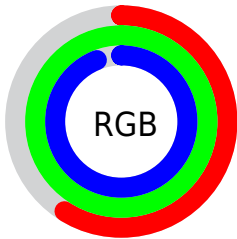
Format	Color
R_{YB}	151, 207, 255
Decimal	9961456
CIE _{Lab}	93.62, -33.68, -2.34
CIE _{LCh}	94, 33.764, 183.972
Yxy	84.3906, 0.2633, 0.3459
Android (android.graphics.Color)	4288151536 (0xFF97FFF0)
YUV	222.1940, 8.7784, -62.4371
Hunter-Lab	91.8644, -35.9182, 2.7714

Details

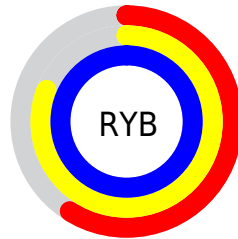
The XYZ color **64.2507, 84.3906, 95.3407** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.1904, 46.1478, 41.8652**, and the grayscale version is **69.5372, 73.1586, 79.6697**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **33.3600, 46.1760, 52.5020** is the 20% darker color. If you saturate the color by 10%, you get **59.4787, 81.9930, 92.2955**, and if you desaturate by 10%, it is **70.0592, 87.3212, 98.4951**.

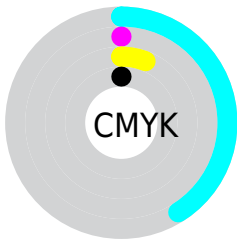
Distribution



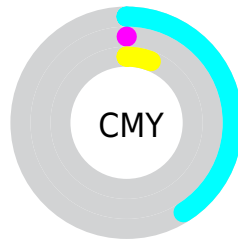
- Red (59%)
- Green (100%)
- Blue (94%)



- Red (59%)
- Yellow (81%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (41%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.2507, 84.3906, 95.3407 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 64.2507, 84.3906, 95.3407 by changing the saturation by 10% instead.


 64.2507, 84.3906,
95.3407


 64.2507, 84.3906,
95.3407


429.6823,
509.6094, 566.2673

 47.1162, 63.3380,
71.8201


 110.0436,
139.5214, 156.7348

 33.3359, 46.1147,
52.5258


 139.4328,
174.3684, 195.4455

 22.5443, 32.3363,
37.0392


173.6375,
214.5823, 240.0565

 14.3762, 21.6185,
24.9418

213.0231,
260.5476, 290.9866

 8.4663, 13.5769,
15.8151

257.9551,
312.6485, 348.6541

 4.4490, 7.8270,
9.2405

308.7987,

 1.9592, 3.9844,

371.2695, 413.4778

4.7994

365.9193,
436.7950, 485.8760

■ 0.6109, 1.6649,
2.0734

■ 0.0000, 0.4007,
0.5999

■ 64.2507, 84.3906,
95.3407

■ 64.2507, 84.3906,
95.3407

■ 59.4787, 81.9930,
92.2955

■ 70.0592, 87.3212,
98.4951

■ 55.6735, 80.0926,
89.3515

■ 76.9619, 90.8146,
101.7574

■ 52.7615, 78.6513,
86.5065

■ 85.0158, 94.9002,
105.1321

■ 50.6572, 77.6252,
83.7561

■ 94.2732, 99.6049,
108.6219

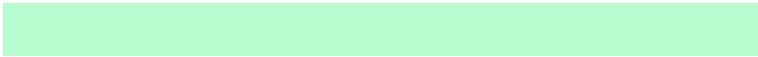
■ 49.2581, 76.9614, 95.0500, 100.0000,
81.0951 108.9000

■ 48.4443, 76.5937,
78.7144

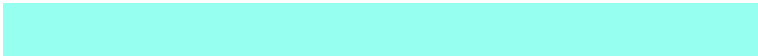
Harmonies

Analogous

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



65.7304, 84.3906, 71.9274



64.2507, 84.3906, 95.3407



66.7790, 84.3906, 122.2433

Triad

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



64.2507, 84.3906, 95.3407



90.2080, 84.3906, 139.0761



87.9952, 84.3906, 54.3593

Complementary

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



64.2507, 84.3906, 95.3407



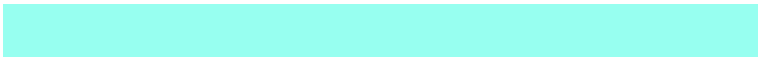
59.1904, 46.1478, 41.8652

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.



95.3326, 84.3906, 67.0247



64.2507, 84.3906, 95.3407



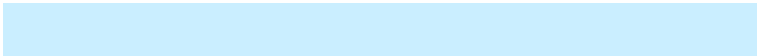
96.6753, 84.3906, 115.2346

Square

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



64.2507, 84.3906, 95.3407



81.4078, 84.3906, 150.2896



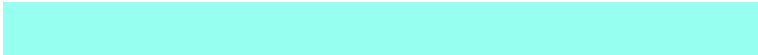
98.6164, 84.3906, 88.5178



79.0255, 84.3906, 50.9949

Rectangle

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



64.2507, 84.3906, 95.3407



70.5161, 84.3906, 137.7445



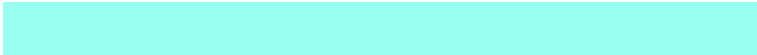
98.6164, 84.3906, 88.5178



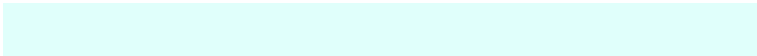
90.7556, 84.3906, 57.5375

Sweetspot

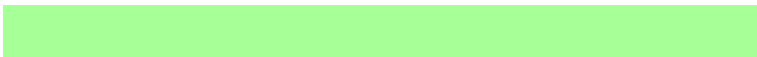
The Sweet Spot groups the original color and five complimentary colors.



64.2517, 84.3911, 95.3422



83.9721, 94.3703, 104.7152



57.1989, 81.9269, 42.0786



17.7380, 20.0796, 22.3180



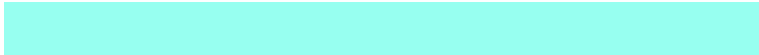
0.0000, 0.0000, 0.0000



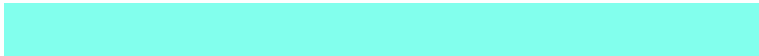
20.3446, 21.4041, 23.3091

Same Dimension

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



64.2517, 84.3911, 95.3422



60.2567, 82.3830, 92.8310



56.0409, 64.2550, 104.0565



18.4356, 20.4338, 22.5967



25.3563, 40.0391, 41.3569



2.4983, 3.9103, 4.1820

Inverse Universe

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



59.1904, 46.1478, 41.8652



54.5801, 39.3789, 32.7703



64.6821, 59.2062, 37.2987



18.1161, 18.0297, 19.2284



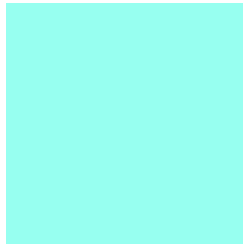
21.7534, 11.1907, 2.0860



2.1485, 1.1018, 0.3634

Previews

White Background



This preview shows how the XYZ color 64.2507, 84.3906, 95.3407 looks on a white background.

Color Contrast Check

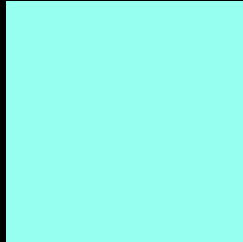
Large Text (above 18pt) WCAG AA × Fail

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 64.2507, 84.3906, 95.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

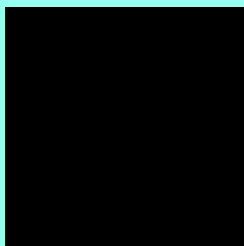
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

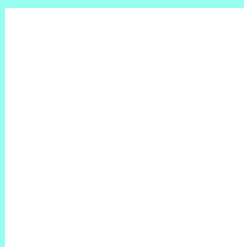
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.2507, 84.3906, 95.3407

Background



This preview shows how black text looks on a background with the XYZ color 64.2507, 84.3906, 95.3407.

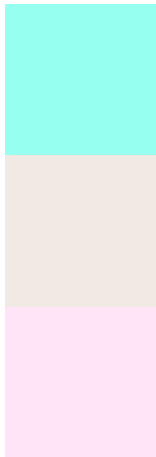


This preview shows how white text looks on a background with the XYZ color 64.2507, 84.3906,

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

64.2507, 84.3906, 95.3407

Protanopia

79.7020, 83.1478, 85.2472

Deuteranopia

85.2510, 83.2115, 98.7570



Tritanopia

73.9539, 84.0635, 106.9358

Trichromacy



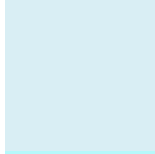
Original Color

64.2507, 84.3906, 95.3407



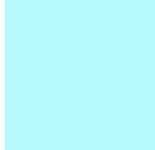
Protanomaly

72.3300, 82.7404, 88.5022



Deuteranomaly

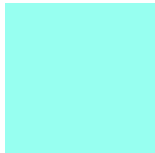
75.5189, 82.4324, 97.5187



Tritanomaly

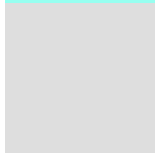
70.1141, 83.9820, 102.9572

Monochromacy



Original Color

64.2507, 84.3906, 95.3407



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

66.3306, 76.2385, 85.3483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2507, 84.3906, 95.3407 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(151, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(151, 255, 240)  
}
```

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(151, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 255, 240) }
```

Border

The CSS property to change the border of an element to XYZ 64.2507, 84.3906, 95.3407 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(151, 255, 240) }
```


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

```
.border{ border-color:rgb(151, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 255, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 255, 240); box-shadow:4px 4px 4px 4px rgb(151, 255, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2507, 84.3906, 95.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 255, 240) }
```

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

```
.background{ background-color: rgb(151,  
255, 240) }
```

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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