

Converting Colors

XYZ(65.3639, 84.7310,
105.9413)

Have a look what the booklet for
XYZ(65.3639, 84.7310, 105.9413)
contains.

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Color

**XYZ(65.3437, 84.7228,
105.8377)**

Conversions

Conversions Part 1

Format	Color
Hex	92FFFD
RGB	146, 255, 253
RGB Percent	57%, 100%, 99%
CMY	0.4274, 0.0000, 0.0078
CMYK	0.43, 0.00, 0.01, 0.00
HSL	179°, 100%, 79%
HSV	179°, 43%, 100%
XYZ	65.3437, 84.7228, 105.8377
YIQ	222.1810, -64.3220, -23.7300

Conversions

Conversions Part 2

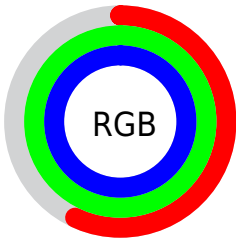
Format	Color
RYB	146, 201, 255
Decimal	9633789
CIELab	93.76, -31.83, -8.87
CIELCh	94, 33.041, 195.573
Yxy	84.7228, 0.2553, 0.3311
Android (android.graphics.Color)	4287823869 (0xFF92FFFD)
YUV	222.1810, 15.1938, -66.8107
Hunter-Lab	92.0450, -34.3597, -3.7430

Details

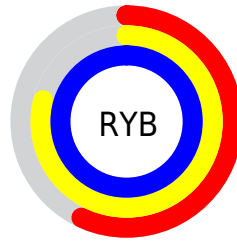
The XYZ color **65.3437, 84.7228, 105.8377** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.8652, 43.9575, 33.5058**, and the grayscale version is **69.4880, 73.1068, 79.6133**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **33.9956, 46.3521, 59.3796** is the 20% darker color. If you saturate the color by 10%, you get **61.2315, 82.6115, 105.2584**, and if you desaturate by 10%, it is **70.4693, 87.3565, 106.4683**.

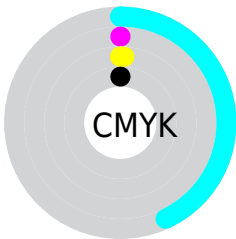
Distribution



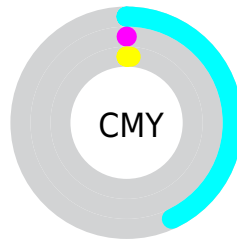
- Red (57%)
- Green (100%)
- Blue (99%)



- Red (57%)
- Yellow (79%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)





- Cyan (43%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3437, 84.7228, 105.8377 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 65.3437, 84.7228, 105.8377 by changing the saturation by 10% instead.


 65.3437, 84.7228,
105.8377


 65.3437, 84.7228,
105.8377


433.5518,
510.7104, 600.1569

 48.0056, 63.6124,
80.5408


 111.6068,
139.9858, 171.2782

 34.0426, 46.3368,
59.6347


 141.2625,
174.9072, 212.2589

 23.0893, 32.5117,
42.7009

175.7547,
215.2010, 259.3046

 14.7805, 21.7526,
29.3208

215.4489,
261.2516, 312.8338

 8.7508, 13.6752,
19.0760

260.7103,
313.4435, 373.2651

 4.6348, 7.8951,
11.5478

311.9044,

 2.0672, 4.0279,

372.1610, 441.0171

6.3178

369.3964,
437.7885, 516.5081

■ 0.6713, 1.6892,
2.9674

■ 0.0000, 0.4166,
1.0780

■ 65.3437, 84.7228,
105.8377

■ 65.3437, 84.7228,
105.8377

■ 61.2315, 82.6115,
105.2584

■ 70.4693, 87.3565,
106.4683

■ 58.0611, 80.9857,
104.7226

■ 76.6665, 90.5427,
107.1486

■ 55.7575, 79.8067,
104.2284

■ 83.9933, 94.3111,
107.8827

■ 54.2323, 79.0289,
103.7716

■ 92.5025, 98.6891,
108.6730

■ 53.3787, 78.5974,
103.3471

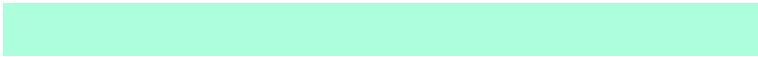
95.0500, 100.0000,
108.9000

■ 53.0664, 78.4425,
103.0540

Harmonies

Analogous

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



65.2677, 84.7228, 80.7268



65.3437, 84.7228, 105.8377



69.2848, 84.7228, 131.2349

Triad

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



65.3437, 84.7228, 105.8377



93.1856, 84.7228, 130.3724



84.8033, 84.7228, 52.9215

Complementary

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



65.3437, 84.7228, 105.8377



56.8652, 43.9575, 33.5058

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.



92.9228, 84.7228, 61.8669



65.3437, 84.7228, 105.8377



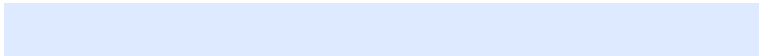
97.9953, 84.7228, 104.8179

Square

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



65.3437, 84.7228, 105.8377



85.1412, 84.7228, 147.0584



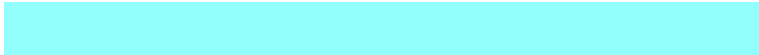
97.8958, 84.7228, 79.8757



76.0816, 84.7228, 53.0944

Rectangle

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



65.3437, 84.7228, 105.8377



73.7494, 84.7228, 143.6044



97.8958, 84.7228, 79.8757



87.7066, 84.7228, 54.8792

Sweetspot

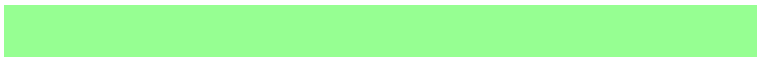
The Sweet Spot groups the original color and five complimentary colors.



65.3449, 84.7234, 105.8392



83.7906, 94.2068, 107.8631



53.4599, 80.0452, 39.8288



17.5685, 19.9758, 23.0515



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

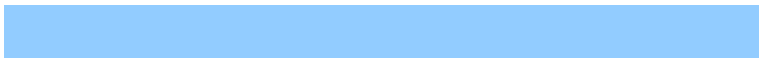
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.3449, 84.7234, 105.8392



61.8786, 82.9436, 105.3563



51.5301, 56.5817, 102.8132



18.5397, 20.4754, 23.1448



27.7349, 40.9905, 53.8825



2.7049, 3.9929, 5.2696

Inverse Universe

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



56.8652, 43.9575, 33.5058



52.4199, 37.4556, 24.6599



66.3653, 63.2087, 35.8988



18.0229, 17.9925, 18.7377



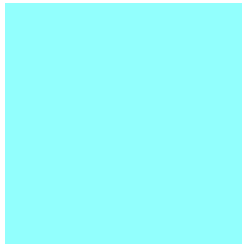
21.5680, 11.1165, 1.1096



2.1045, 1.0842, 0.1319

Previews

White Background



This preview shows how the XYZ color 65.3437, 84.7228, 105.8377 looks on a white background.

Color Contrast Check

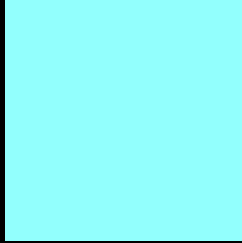
Large Text (above 18pt) WCAG AA × Fail

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 65.3437, 84.7228, 105.8377 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

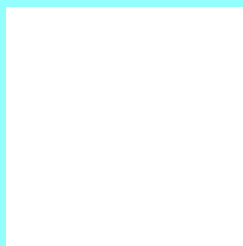
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3437, 84.7228, 105.8377

Background



This preview shows how black text looks on a background with the XYZ color 65.3437, 84.7228, 105.8377.

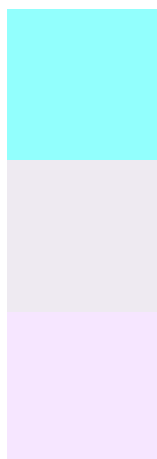


This preview shows how white text looks on a background with the XYZ color 65.3437, 84.7228,

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

65.3437, 84.7228, 105.8377

Protanopia

80.5599, 83.3737, 95.0659

Deuteranopia

84.3529, 83.4065, 106.2609



Tritanopia

73.9539, 84.0635, 106.9358

Trichromacy



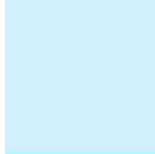
Original Color

65.3437, 84.7228, 105.8377



Protanomaly

73.4104, 83.0760, 98.5523



Deuteranomaly

75.3342, 82.5904, 105.7369



Tritanomaly

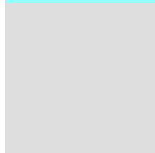
70.2792, 83.9939, 106.2743

Monochromacy



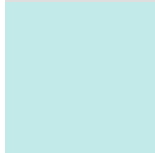
Original Color

65.3437, 84.7228, 105.8377



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

66.3789, 76.1982, 88.3000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3437, 84.7228, 105.8377 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(146, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(146, 255, 253)  
}
```

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(146, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 255, 253) }
```

Border

The CSS property to change the border of an element to XYZ 65.3437, 84.7228, 105.8377 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(146, 255, 253) }
```


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

```
.border{ border-color:rgb(146, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 255, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 255, 253); box-shadow:4px 4px 4px 4px rgb(146, 255, 253) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3437, 84.7228, 105.8377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 255, 253) }
```

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

```
.background{ background-color: rgb(146,  
255, 253) }
```

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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