

Converting Colors

XYZ(63.1394, 75.5427,
106.0075)

Have a look what the booklet for
XYZ(63.1394, 75.5427, 106.0075)
contains.

XYZ(63.0321, 75.3654, 105.8326)	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(63.0321, 75.3654,
105.8326)**

Conversions

Conversions Part 1

Format	Color
Hex	A1EDFF
RGB	161, 237, 255
RGB Percent	63%, 93%, 100%
CMY	0.3686, 0.0706, 0.0000
CMYK	0.37, 0.07, 0.00, 0.00
HSL	191°, 100%, 82%
HSV	191°, 37%, 100%
XYZ	63.0321, 75.3654, 105.8326
YIQ	216.3280, -51.0740, -10.5140

Conversions

Conversions Part 2

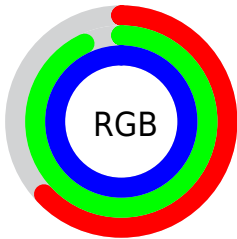
Format	Color
RYB	161, 203, 255
Decimal	10612223
CIELab	89.56, -18.99, -16.11
CIELCh	90, 24.903, 220.303
Yxy	75.3654, 0.2581, 0.3086
Android (android.graphics.Color)	4288802303 (0xFFA1EDFF)
YUV	216.3280, 19.0653, -48.5227
Hunter-Lab	86.8132, -22.3205, -11.5102

Details

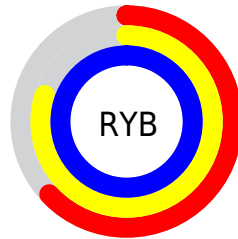
The XYZ color **63.0321, 75.3654, 105.8326** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.7935, 56.0735, 41.1811**, and the grayscale version is **65.3946, 68.8002, 74.9234**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **32.5426, 40.1282, 59.4564** is the 20% darker color. If you saturate the color by 10%, you get **57.0140, 70.1948, 105.1517**, and if you desaturate by 10%, it is **70.1407, 81.1589, 106.5762**.

Distribution



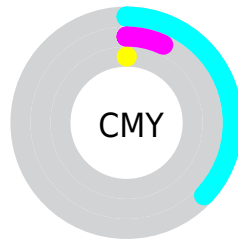
- Red (63%)
- Green (93%)
- Blue (100%)



- Red (63%)
- Yellow (80%)
- Blue (100%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0321, 75.3654, 105.8326 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 63.0321, 75.3654, 105.8326 by changing the saturation by 10% instead.

63.0321, 75.3654,
105.8326

63.0321, 75.3654,
105.8326

425.3438,
479.1726, 600.1407

46.1259, 55.9123,
80.5365

108.2974,
126.8295, 171.2712

32.5502, 40.1326,
59.6312

137.3872,
159.6092, 212.2508

21.9397, 27.6420,
42.6981

171.2689,
197.6000, 259.2953

13.9290, 18.0559,
29.3186

210.3079,
241.1861, 312.8233

8.1526, 10.9901,
19.0744

254.8695,
290.7520, 373.2533

4.2454, 6.0602,
11.5467

305.3192,

1.8419, 2.8817,

346.6822, 441.0038

6.3170

362.0221,
409.3609, 516.4935

■ 0.5427, 1.0703,
2.9669

■ 0.0000, 0.0000,
1.0778

■ 63.0321, 75.3654,
105.8326

■ 63.0321, 75.3654,
105.8326

■ 57.0140, 70.1948,
105.1517

■ 70.1407, 81.1589,
106.5762

■ 52.0157, 65.6048,
104.5292

■ 78.3925, 87.5975,
107.3840

■ 47.9679, 61.5611,
103.9620

■ 87.8443, 94.7128,
108.2593

■ 44.7896, 58.0213,
103.4463

95.0500, 100.0000,
108.9000

■ 42.3857, 54.9361,
102.9775

■ 40.6358, 52.2430,
102.5499

■ 40.1645, 51.4490,
102.4215

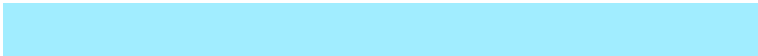
Harmonies

Analogous

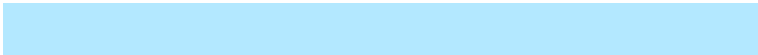
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.6728, 75.3654, 88.2330



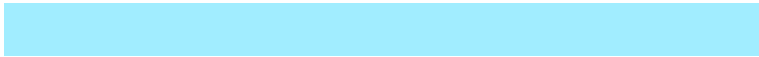
63.0321, 75.3654, 105.8326



67.7411, 75.3654, 118.0333

Triad

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



63.0321, 75.3654, 105.8326



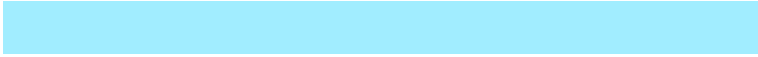
83.2860, 75.3654, 93.9448



69.5496, 75.3654, 53.1808

Complementary

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



63.0321, 75.3654, 105.8326



63.7935, 56.0735, 41.1811

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.



75.6703, 75.3654, 54.2573



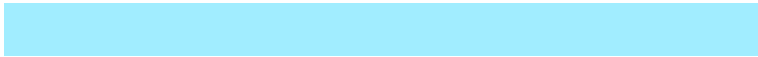
63.0321, 75.3654, 105.8326



83.8385, 75.3654, 76.1821

Square

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



63.0321, 75.3654, 105.8326



79.5126, 75.3654, 110.5222



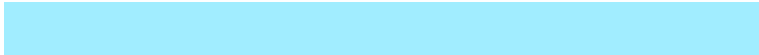
80.9818, 75.3654, 62.1441



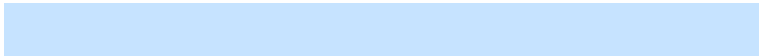
64.2912, 75.3654, 58.9591

Rectangle

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



63.0321, 75.3654, 105.8326



71.6947, 75.3654, 120.5620



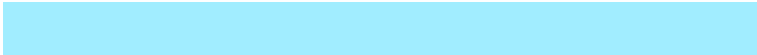
80.9818, 75.3654, 62.1441



71.5704, 75.3654, 52.7755

Sweetspot

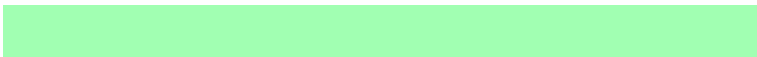
The Sweet Spot groups the original color and five complimentary colors.



63.0341, 75.3683, 105.8330



83.7834, 91.6841, 107.8887



58.5184, 82.3214, 55.0495



17.6582, 19.4173, 23.0672



0.0000, 0.0000, 0.0000



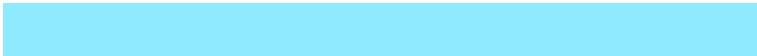
20.3446, 21.4041, 23.3091

Same Dimension

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



63.0341, 75.3683, 105.8330



58.6291, 71.6139, 105.3405



51.3293, 51.9586, 101.9314



18.2419, 19.8555, 23.1210



21.0921, 27.0938, 53.5525



2.1261, 2.7829, 5.2384

Inverse Universe

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



69.2722, 52.8658, 86.6770



65.8147, 46.7578, 83.0364



74.6621, 77.8107, 44.8039



18.6348, 18.2372, 21.9598



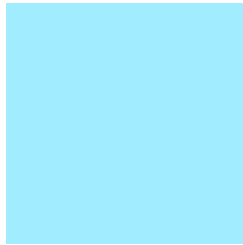
27.4345, 13.4631, 32.0023



2.7078, 1.3255, 3.3084

Previews

White Background



This preview shows how the XYZ color 63.0321, 75.3654, 105.8326 looks on a white background.

Color Contrast Check

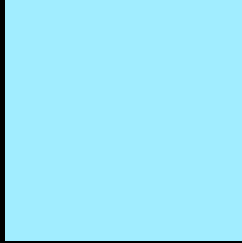
Large Text (above 18pt) WCAG AA × Fail

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 63.0321, 75.3654, 105.8326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

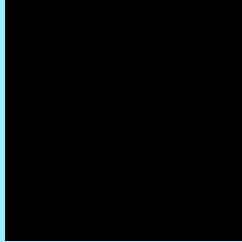
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0321, 75.3654, 105.8326

Background



This preview shows how black text looks on a background with the XYZ color 63.0321, 75.3654, 105.8326.

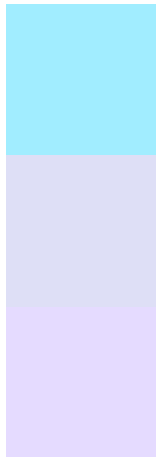


This preview shows how white text looks on a background with the XYZ color 63.0321, 75.3654,

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

63.0321, 75.3654, 105.8326

Protanopia

73.1464, 74.9588, 97.8020

Deuteranopia

75.6946, 74.5410, 105.0061



Tritanopia

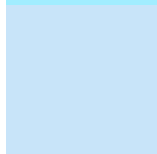
63.3553, 75.1034, 105.7650

Trichromacy



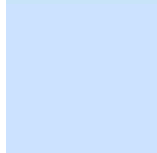
Original Color

63.0321, 75.3654, 105.8326



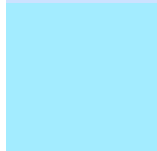
Protanomaly

68.6617, 74.6057, 100.4040



Deuteranomaly

70.1482, 74.4501, 105.2808



Tritanomaly

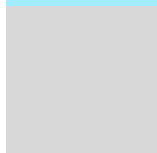
63.1497, 74.9974, 105.7554

Monochromacy



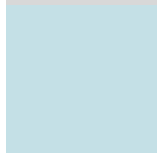
Original Color

63.0321, 75.3654, 105.8326



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

63.7035, 70.7602, 85.1635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0321, 75.3654, 105.8326 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(161, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 237, 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(161, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 237, 255) }
```

Border

The CSS property to change the border of an element to XYZ 63.0321, 75.3654, 105.8326 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(161, 237, 255) }
```


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

```
.border{ border-color:rgb(161, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 237,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0321, 75.3654, 105.8326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 237, 255) }
```

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

```
.background{ background-color: rgb(161,  
237, 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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