

Converting Colors

XYZ(59.1981, 74.0740, 74.7004)

Have a look what the booklet for
XYZ(59.1981, 74.0740, 74.7004)
contains.

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Color

**XYZ(59.2164, 74.0813,
74.7964)**

Conversions

Conversions Part 1

Format	Color
Hex	ABEDD6
RGB	171, 237, 214
RGB Percent	67%, 93%, 84%
CMY	0.3294, 0.0706, 0.1608
CMYK	0.28, 0.00, 0.10, 0.07
HSL	159°, 65%, 80%
HSV	159°, 28%, 93%
XYZ	59.2164, 74.0813, 74.7964
YIQ	214.6440, -31.9530, -21.1450

Conversions

Conversions Part 2

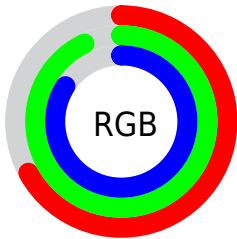
Format	Color
RYB	171, 211, 237
Decimal	11267542
CIELab	88.96, -25.38, 4.50
CIELCh	89, 25.771, 169.950
Yxy	74.0813, 0.2846, 0.3560
Android (android.graphics.Color)	4289457622 (0xFFABEDD6)
YUV	214.6440, -0.3175, -38.2758
Hunter-Lab	86.0705, -27.8156, 8.7256

Details

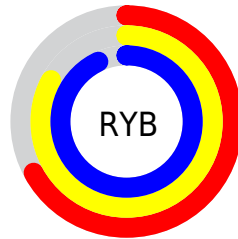
The XYZ color **59.2164, 74.0813, 74.7964** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.2282, 51.0274, 57.7697**, and the grayscale version is **64.3698, 67.7221, 73.7493**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **30.1180, 39.3329, 38.8055** is the 20% darker color. If you saturate the color by 10%, you get **53.4816, 71.2457, 69.1612**, and if you desaturate by 10%, it is **65.9345, 77.4216, 80.7601**.

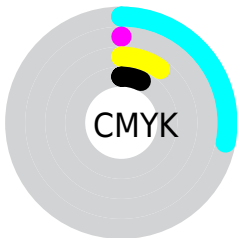
Distribution



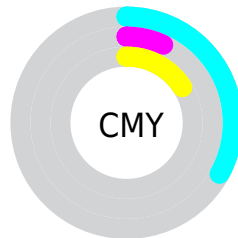
- Red (67%)
- Green (93%)
- Blue (84%)



- Red (67%)
- Yellow (83%)
- Blue (93%)



- Cyan (28%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)





- Cyan (33%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2164, 74.0813, 74.7964 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 59.2164, 74.0813, 74.7964 by changing the saturation by 10% instead.


 59.2164, 74.0813,
74.7964

 59.2164, 74.0813,
74.7964


411.5846,
474.7539, 496.4542

 43.0344, 54.8606,
54.9454


 102.8049,
125.0110, 127.7686

 30.1067, 39.2901,
38.9597


130.9422,
157.4889, 161.7268

 20.0681, 26.9855,
26.4208

163.7952,
195.1545, 201.2245

 12.5531, 17.5623,
16.9101

201.7294,
238.3924, 246.6802

 7.1964, 10.6362,
10.0091

245.1100,
287.5869, 298.5125

 3.6327, 5.8228,
5.2993


294.3026,

 1.4965, 2.7376,


343.1223, 357.1399


2.3621


349.6723,
405.3832, 422.9810


 0.3234, 0.9963,
0.7657


 0.0000, 0.0000,
0.0000


 59.2164, 74.0813,
74.7964


 59.2164, 74.0813,
74.7964


 53.4816, 71.2457,
69.1612


 65.9345, 77.4216,
80.7601


 48.6736, 68.8798,
63.8430

 73.6761, 81.2812,
87.0534

 44.7395, 66.9585,
58.8367

 82.4869, 85.6857,
93.6839

 41.6185, 65.4504,
54.1351

 88.3204, 88.5490,
100.4662

■ 39.2416, 64.3200,
49.7308

■ 89.5755, 89.0510,
107.0752

■ 37.5274, 63.5256,
45.6153

■ 36.3655, 63.0104,
41.7788

■ 36.1520, 62.9176,
40.9877

Harmonies

Analogous

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



61.5973, 74.0813, 60.4581



59.2164, 74.0813, 74.7964



59.6965, 74.0813, 92.9999

Triad

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



59.2164, 74.0813, 74.7964



74.5977, 74.0813, 117.5834



78.4417, 74.0813, 57.0546

Complementary

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



59.2164, 74.0813, 74.7964



59.2282, 51.0274, 57.7697

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.



82.3388, 74.0813, 69.4665



59.2164, 74.0813, 74.7964



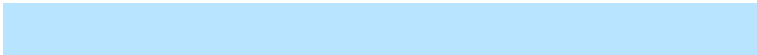
80.0300, 74.0813, 104.9294

Square

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



59.2164, 74.0813, 74.7964



68.3330, 74.0813, 119.5731



82.9367, 74.0813, 86.8264



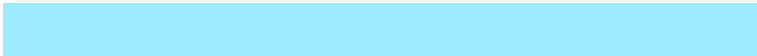
72.5328, 74.0813, 51.2663

Rectangle

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



59.2164, 74.0813, 74.7964



61.5848, 74.0813, 104.8740



82.9367, 74.0813, 86.8264



80.0449, 74.0813, 60.4964

Sweetspot

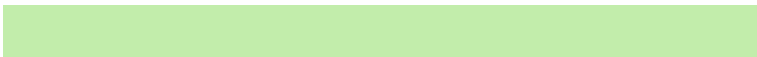
The Sweet Spot groups the original color and five complimentary colors.



59.2185, 74.0843, 74.7981



86.8153, 95.8847, 102.6496



59.9111, 74.9944, 49.8471



18.2702, 20.3676, 21.7258



0.0000, 0.0000, 0.0000



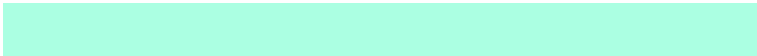
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2185, 74.0843, 74.7981



66.2045, 85.6341, 84.7557



59.5795, 69.7681, 90.4506



15.2818, 17.0275, 18.1666



19.8011, 34.3749, 22.7157



1.6000, 2.7173, 2.0215

Inverse Universe

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



59.2282, 51.0274, 57.7697



66.2207, 54.5076, 61.7833



58.7816, 53.9540, 45.8454



15.2822, 15.1407, 16.7714



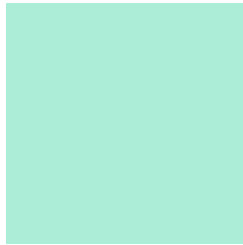
19.9678, 10.1898, 5.6315



1.6120, 0.8178, 0.6740

Previews

White Background



This preview shows how the XYZ color 59.2164, 74.0813, 74.7964 looks on a white background.

Color Contrast Check

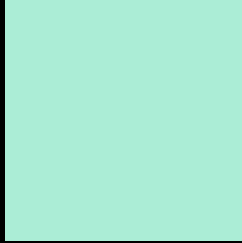
Large Text (above 18pt) WCAG AA × Fail

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 59.2164, 74.0813, 74.7964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

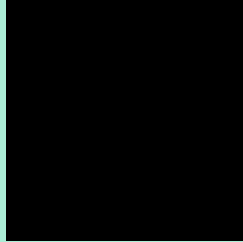
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2164, 74.0813, 74.7964

Background



This preview shows how black text looks on a background with the XYZ color 59.2164, 74.0813, 74.7964.



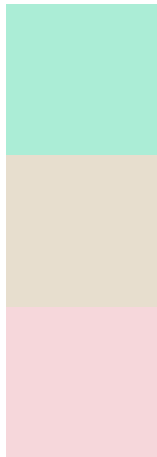
This preview shows how white text looks on a background with the XYZ color 59.2164, 74.0813,

74.7964.

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

59.2164, 74.0813, 74.7964

Protanopia

70.2169, 73.6877, 68.9148

Deuteranopia

75.0927, 73.3082, 77.2099



Tritanopia

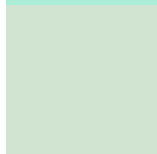
64.7023, 74.1991, 101.3542

Trichromacy



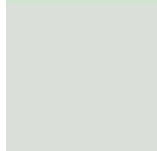
Original Color

59.2164, 74.0813, 74.7964



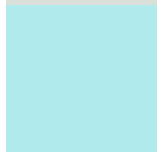
Protanomaly

65.2722, 73.0969, 70.9905



Deuteranomaly

68.1255, 72.8452, 76.1156



Tritanomaly

62.6134, 74.1902, 91.1408

Monochromacy



Original Color

59.2164, 74.0813, 74.7964



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.2066, 69.8238, 74.4887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2164, 74.0813, 74.7964 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(171, 237, 214)` looks like.

```
.text, #text, p{  
    color:rgb(171, 237, 214)  
}
```

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(171, 237, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 237, 214) }
```

Border

The CSS property to change the border of an element to XYZ 59.2164, 74.0813, 74.7964 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(171, 237, 214) }
```


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

```
.border{ border-color:rgb(171, 237, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 237, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 237, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 237, 214);  
box-shadow:4px 4px 4px 4px rgb(171, 237,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2164, 74.0813, 74.7964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 237, 214) }
```

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

```
.background{ background-color: rgb(171,  
237, 214) }
```

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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