

# Converting Colors

XYZ(59.1506, 74.1058, 72.1590)

Have a look what the booklet for  
XYZ(59.1506, 74.1058, 72.1590)  
contains.

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# Color

**XYZ(59.1506, 74.1058,  
72.1590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADEDD2
RGB	173, 237, 210
RGB Percent	68%, 93%, 82%
CMY	0.3216, 0.0706, 0.1765
CMYK	0.27, 0.00, 0.11, 0.07
HSL	155°, 64%, 80%
HSV	155°, 27%, 93%
XYZ	59.1506, 74.1058, 72.1590
YIQ	214.7860, -29.4770, -21.9650

# Conversions

## Conversions Part 2

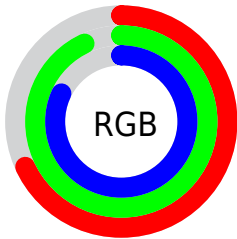
Format	Color
<a href="#">RYB</a>	<a href="#">173, 214, 237</a>
Decimal	<a href="#">11398610</a>
CIELab	<a href="#">88.97, -25.58, 6.62</a>
CIELCh	<a href="#">89, 26.425, 165.500</a>
Yxy	<a href="#">74.1058, 0.2880, 0.3608</a>
Android (android.graphics.Color)	<a href="#">4289588690 (0xFFAEDD2)</a>
YUV	<a href="#">214.7860, -2.3595, -36.6463</a>
Hunter-Lab	<a href="#">86.0847, -27.9972, 10.5605</a>

# Details

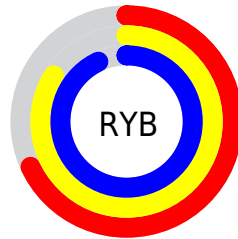
The XYZ color **59.1506, 74.1058, 72.1590** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.2965, 52.0636, 61.5179**, and the grayscale version is **64.4779, 67.8358, 73.8732**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **30.1324, 39.3700, 37.4635** is the 20% darker color. If you saturate the color by 10%, you get **53.1607, 71.1594, 65.5783**, and if you desaturate by 10%, it is **66.1521, 77.5687, 79.1966**.

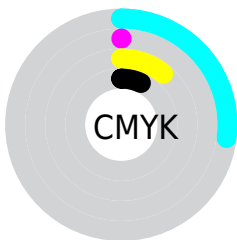
# Distribution



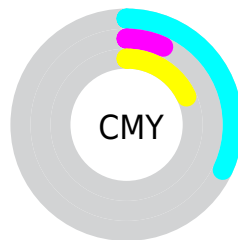
- Red (68%)
- Green (93%)
- Blue (82%)



- Red (68%)
- Yellow (84%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)




- Cyan (32%)
- Magenta (7%)
- Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1506, 74.1058, 72.1590 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 59.1506, 74.1058, 72.1590 by changing the saturation by 10% instead.





 59.1506, 74.1058,  
72.1590

 59.1506, 74.1058,  
72.1590


411.3449,  
474.8384, 487.0872

 42.9812, 54.8806,  
52.8009


 102.7099,  
125.0458, 123.9924

 30.0648, 39.3062,  
37.2572


130.8305,  
157.5294, 157.3048

 20.0361, 26.9980,  
25.1094


163.6655,  
195.2012, 196.1057

 12.5297, 17.5717,  
15.9388

201.5804,  
238.4458, 240.8137

 7.1803, 10.6429,  
9.3270

244.9404,  
287.6474, 291.8473

 3.6224, 5.8273,  
4.8553


294.1109,

 1.4908, 2.7403,

343.1904, 349.6251


2.1054


349.4573,  
405.4593, 414.5656


 0.3196, 0.9977,  
0.6190


 0.0000, 0.0000,  
0.0000


 59.1506, 74.1058,  
72.1590


 59.1506, 74.1058,  
72.1590


 53.1607, 71.1594,  
65.5783


 66.1521, 77.5687,  
79.1966

 48.1256, 68.6944,  
59.4398

 74.2059, 81.5630,  
86.6954

 43.9924, 66.6856,  
53.7350

 83.3578, 86.1140,  
94.6661

 40.7000, 65.1018,  
48.4532

 88.7808, 88.7332,  
102.8897

■ 38.1795, 63.9076,  
43.5832

■ 89.5756, 89.0512,  
107.0752

■ 36.3501, 63.0616,  
39.1128

■ 35.1085, 62.5106,  
35.0288

■ 34.8018, 62.3777,  
33.8771

# Harmonies

## Analogous

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



61.9950, 74.1058, 58.3652



59.1506, 74.1058, 72.1590



59.2002, 74.1058, 90.5067

# Triad

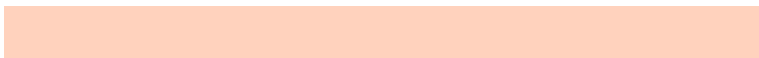
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.1506, 74.1058, 72.1590



73.7849, 74.1058, 119.7622



79.4439, 74.1058, 58.0145

# Complementary

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



59.1506, 74.1058, 72.1590



60.2965, 52.0636, 61.5179

# 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.



83.0089, 74.1058, 71.6075



59.1506, 74.1058, 72.1590



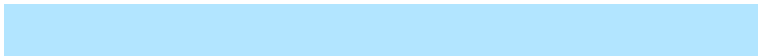
79.6090, 74.1058, 108.0822

# Square

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



59.1506, 74.1058, 72.1590



67.3904, 74.1058, 119.9700



83.0711, 74.1058, 89.8652



73.5706, 74.1058, 51.0805

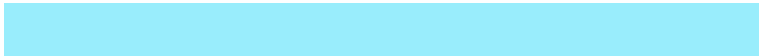


# Rectangle

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



59.1506, 74.1058, 72.1590



60.8587, 74.1058, 103.0014



83.0711, 74.1058, 89.8652



80.9673, 74.1058, 61.8560

# Sweetspot

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



59.1527, 74.1089, 72.1607



86.5840, 95.7921, 101.4318



61.8452, 75.9694, 50.9401



18.2118, 20.3443, 21.4186



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

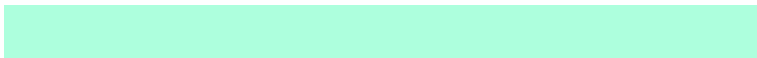


# Same Dimension

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



59.1527, 74.1089, 72.1607



66.0764, 85.6476, 81.1575



61.5856, 73.1287, 90.9938



15.2334, 17.0082, 17.9119



19.0666, 34.0811, 18.8477



1.5451, 2.6953, 1.7322



# Inverse Universe

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



60.2965, 52.0636, 61.5179



67.6243, 55.8464, 66.7784



58.2450, 52.5731, 46.6139



15.3291, 15.1595, 17.0186



20.3857, 10.3570, 7.8326

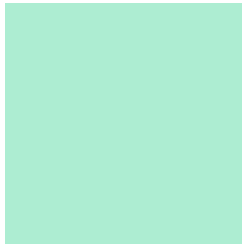


1.6479, 0.8321, 0.8631



# Previews

## White Background



This preview shows how the XYZ color 59.1506, 74.1058, 72.1590 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

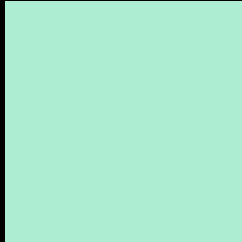
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.1506, 74.1058, 72.1590 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

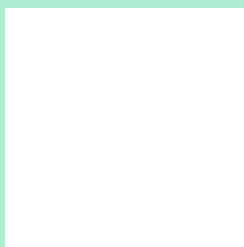
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 59.1506, 74.1058, 72.1590

## Background



This preview shows how black text looks on a background with the XYZ color 59.1506, 74.1058, 72.1590.



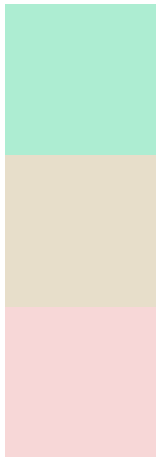
This preview shows how white text looks on a background with the XYZ color 59.1506, 74.1058,

72.1590.

# 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

59.1506, 74.1058, 72.1590

### Protanopia

69.7369, 73.4957, 66.3877

### Deuteranopia

74.9240, 73.2813, 74.4858



## Tritanopia

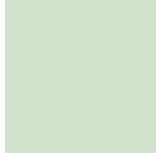
64.8873, 73.8777, 101.2824

# Trichromacy



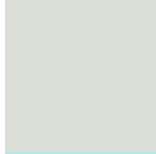
## Original Color

59.1506, 74.1058, 72.1590



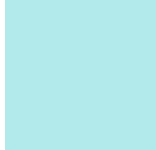
## Protanomaly

65.0669, 73.0476, 68.4278



## Deuteranomaly

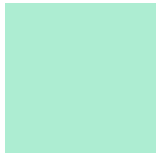
67.9131, 72.7951, 73.4222



## Tritanomaly

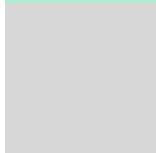
62.4944, 73.7410, 89.5369

# Monochromacy



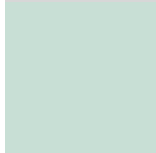
## Original Color

59.1506, 74.1058, 72.1590



## Achromatopsia

64.5905, 67.9542, 74.0022



## Achromatomaly

62.2173, 69.8588, 73.1557

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.1506, 74.1058, 72.1590 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(173, 237, 210)` looks like.

```
.text, #text, p{  
    color:rgb(173, 237, 210)  
}
```

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(173, 237, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 237, 210) }
```

## Border

The CSS property to change the border of an element to XYZ 59.1506, 74.1058, 72.1590 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(173, 237, 210) }
```



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

```
.border{ border-color:rgb(173, 237, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 237, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 237, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 237, 210);  
box-shadow:4px 4px 4px 4px rgb(173, 237,  
210) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.1506, 74.1058, 72.1590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 237, 210) }
```

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

```
.background{ background-color: rgb(173,  
237, 210) }
```

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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