

# Converting Colors

XYZ(59.6090, 74.0318,  
105.7556)

Have a look what the booklet for  
XYZ(59.6090, 74.0318, 105.7556)  
contains.

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# **Color**

**XYZ(59.6090, 74.0318,  
105.7556)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DEEFF
RGB	141, 238, 255
RGB Percent	55%, 93%, 100%
CMY	0.4470, 0.0667, 0.0000
CMYK	0.45, 0.07, 0.00, 0.00
HSL	189°, 100%, 78%
HSV	189°, 45%, 100%
XYZ	59.6090, 74.0318, 105.7556
YIQ	210.9350, -63.2690, -15.2770

# Conversions

## Conversions Part 2

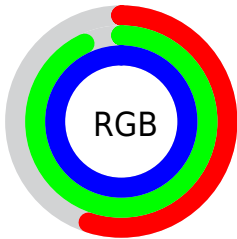
Format	Color
R <sub>Y</sub> B	141, 193, 255
Decimal	9301759
CIE Lab	88.94, -24.33, -17.14
CIE LCh	89, 29.763, 215.161
Yxy	74.0318, 0.2490, 0.3092
Android (android.graphics.Color)	4287491839 (0xFF8DEEFF)
YUV	210.9350, 21.7240, -61.3330
Hunter-Lab	86.0417, -26.9097, -12.6453

# Details

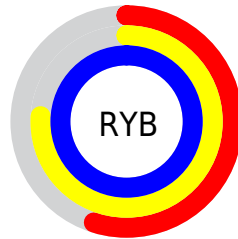
The XYZ color **59.6090, 74.0318, 105.7556** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.2750, 47.6372, 31.3246**, and the grayscale version is **61.7668, 64.9835, 70.7670**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **30.3143, 39.2824, 59.4106** is the 20% darker color. If you saturate the color by 10%, you get **54.6672, 69.8600, 105.2108**, and if you desaturate by 10%, it is **65.5763, 78.7704, 106.3557**.

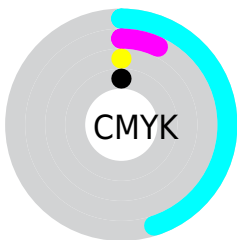
# Distribution



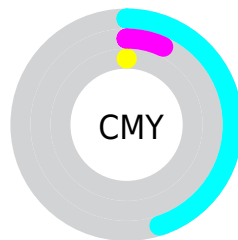
- Red (55%)
- Green (93%)
- Blue (100%)



- Red (55%)
- Yellow (76%)
- Blue (100%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)




- Cyan (45%)
- Magenta (7%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6090, 74.0318, 105.7556 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 59.6090, 74.0318, 105.7556 by changing the saturation by 10% instead.





 59.6090, 74.0318,  
105.7556


 59.6090, 74.0318,  
105.7556


413.0129,  
474.5831, 599.8958

 43.3518, 54.8201,  
80.4723


 103.3718,  
124.9409, 171.1651

 30.3570, 39.2577,  
59.5787


 131.6082,  
157.4070, 212.1284

 20.2591, 26.9602,  
42.6560


164.5683,  
195.0601, 259.1554

 12.6929, 17.5434,  
29.2859

202.6176,  
238.2845, 312.6647

 7.2929, 10.6227,  
19.0498

246.1213,  
287.4646, 373.0749

 3.6939, 5.8137,  
11.5291

295.4449,

 1.5305, 2.7321,

342.9848, 440.8044

6.3053

350.9536,  
405.2295, 516.2719

■ 0.3464, 0.9935,  
2.9598

■ 0.0000, 0.0000,  
1.0741

■ 59.6090, 74.0318,  
105.7556

■ 59.6090, 74.0318,  
105.7556

■ 54.6672, 69.8600,  
105.2108

■ 65.5763, 78.7704,  
106.3557

■ 50.6752, 66.2106,  
104.7168

■ 72.6260, 84.1003,  
107.0129

■ 47.5567, 63.0457,  
104.2703

■ 80.8180, 90.0541,  
107.7304

■ 45.2202, 60.3181,  
103.8669

■ 90.2059, 96.6597,  
108.5106

■ 43.5536, 57.9697, 95.0500, 100.0000,  
103.5015 108.9000

■ 42.8580, 56.8360,  
103.3193

# Harmonies

## Analogous

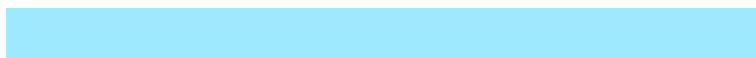
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.4177, 74.0318, 84.2396



59.6090, 74.0318, 105.7556



64.6898, 74.0318, 122.3665

# Triad

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



59.6090, 74.0318, 105.7556



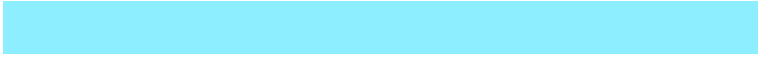
83.7381, 74.0318, 98.5004



69.1229, 74.0318, 47.1250

# Complementary

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



59.6090, 74.0318, 105.7556



58.2750, 47.6372, 31.3246

# 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.



76.3628, 74.0318, 49.6283



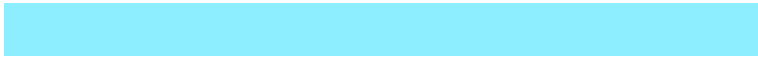
59.6090, 74.0318, 105.7556



85.1255, 74.0318, 77.0824

# Square

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



59.6090, 74.0318, 105.7556



78.6710, 74.0318, 117.7006



82.3428, 74.0318, 59.8009



62.6652, 74.0318, 52.2633

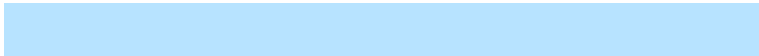


# Rectangle

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



59.6090, 74.0318, 105.7556



69.1997, 74.0318, 127.0999



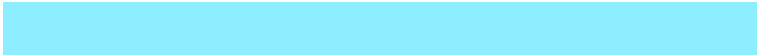
82.3428, 74.0318, 59.8009



71.5433, 74.0318, 47.1114

# Sweetspot

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



59.6110, 74.0346, 105.7560



82.3318, 91.1329, 107.8588



52.7634, 79.5904, 44.1247



17.2041, 19.2079, 23.0507



0.0000, 0.0000, 0.0000

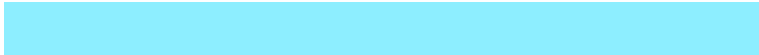


20.3446, 21.4041, 23.3091

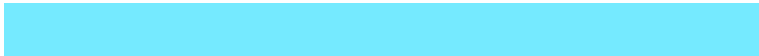


# Same Dimension

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



59.6110, 74.0346, 105.7560



54.9833, 70.1362, 105.2475



45.9282, 46.6689, 101.1951



18.3105, 19.9927, 23.1439



22.4819, 29.8733, 54.0158



2.2489, 3.0285, 5.2793



# Inverse Universe

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



66.1988, 46.4844, 86.3754



62.5552, 40.0202, 82.6239



69.8931, 70.8733, 35.1973



18.6694, 18.2511, 22.1421



28.1360, 13.7437, 35.6962

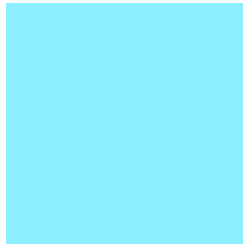


2.7698, 1.3503, 3.6350



# Previews

## White Background



This preview shows how the XYZ color 59.6090, 74.0318, 105.7556 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

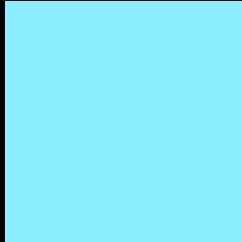
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.6090, 74.0318, 105.7556 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 59.6090, 74.0318, 105.7556

## Background



This preview shows how black text looks on a background with the XYZ color 59.6090, 74.0318, 105.7556.



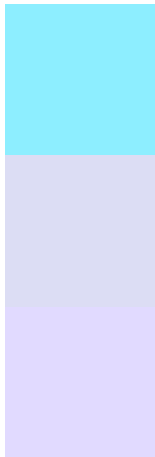
This preview shows how white text looks on a background with the XYZ color 59.6090, 74.0318,



# 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

59.6090, 74.0318, 105.7556

### Protanopia

71.7008, 73.4602, 95.9882

### Deuteranopia

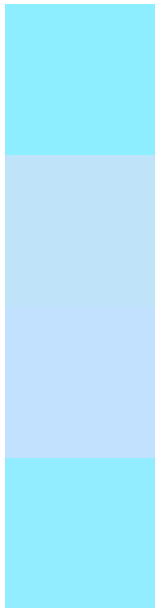
74.1727, 73.3704, 104.8603



## Tritanopia

60.5469, 74.0843, 105.7163

# Trichromacy



## Original Color

59.6090, 74.0318, 105.7556

## Protanomaly

65.8982, 72.7918, 99.3840

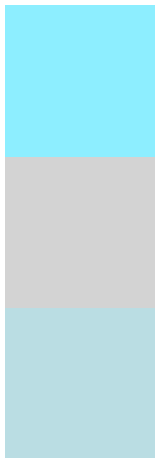
## Deuteranomaly

67.2233, 72.5398, 105.0663

## Tritanomaly

60.0112, 73.8081, 105.6912

# Monochromacy



## Original Color

59.6090, 74.0318, 105.7556

## Achromatopsia

61.9161, 65.1406, 70.9381

## Achromatomaly

59.9713, 67.6981, 82.5793

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.6090, 74.0318, 105.7556 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(141, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 238, 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(141, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 238, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 59.6090, 74.0318, 105.7556 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(141, 238, 255) }
```



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

```
.border{ border-color:rgb(141, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 238, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 238, 255); box-shadow:4px 4px 4px 4px rgb(141, 238, 255) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.6090, 74.0318, 105.7556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 238, 255) }
```

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

```
.background{ background-color: rgb(141,  
238, 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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