

# Converting Colors

XYZ(60.7599, 74.4104, 95.9543)

Have a look what the booklet for  
XYZ(60.7599, 74.4104, 95.9543)  
contains.

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# Color

**XYZ(60.7599, 74.4104,  
95.9543)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FEDF3
RGB	159, 237, 243
RGB Percent	62%, 93%, 95%
CMY	0.3765, 0.0706, 0.0471
CMYK	0.35, 0.02, 0.00, 0.05
HSL	184°, 78%, 79%
HSV	184°, 35%, 95%
XYZ	60.7599, 74.4104, 95.9543
YIQ	214.3620, -48.4140, -14.6700

# Conversions

## Conversions Part 2

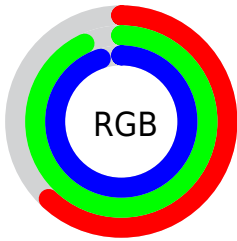
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	159, 199, 243
Decimal	10481139
CIE Lab	89.12, -22.37, -10.51
CIE LCh	89, 24.713, 205.177
Yxy	74.4104, 0.2629, 0.3219
Android (android.graphics.Color)	4288671219 (0xFF9FEDF3)
YUV	214.3620, 14.1185, -48.5525
Hunter-Lab	86.2615, -25.2277, -5.5691

# Details

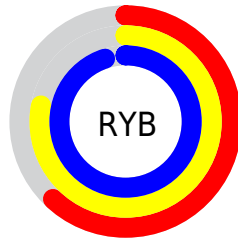
The XYZ color **60.7599, 74.4104, 95.9543** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.6763, 48.4688, 39.1707**, and the grayscale version is **64.0933, 67.4312, 73.4325**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **31.0870, 39.5192, 53.0032** is the 20% darker color. If you saturate the color by 10%, you get **55.9074, 71.1685, 95.5856**, and if you desaturate by 10%, it is **66.5689, 78.1562, 96.3724**.

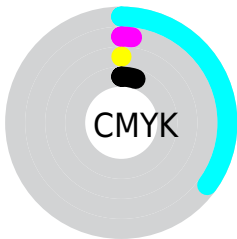
# Distribution



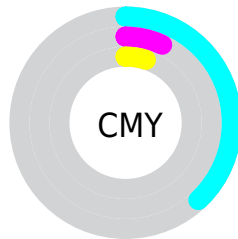
- Red (62%)
- Green (93%)
- Blue (95%)



- Red (62%)
- Yellow (78%)
- Blue (95%)



- Cyan (35%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (38%)
- Magenta (7%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7599, 74.4104, 95.9543 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 60.7599, 74.4104, 95.9543 by changing the saturation by 10% instead.



60.7599, 74.4104,  
95.9543

60.7599, 74.4104,  
95.9543

417.1831,  
475.8886, 568.2778

44.2832, 55.1300,  
72.3282

105.0313,  
125.4774, 157.5893

31.0921, 39.5058,  
52.9384

133.5567,  
158.0328, 196.4352

20.8212, 27.1534,  
37.3662

166.8291,  
195.7820, 241.1915

13.1051, 17.6885,  
25.1931

205.2139,  
239.1094, 292.2768

7.5784, 10.7266,  
16.0007

249.0763,  
288.3993, 350.1095

3.8759, 5.8833,  
9.3703

298.7817,

1.6322, 2.7742,

344.0362, 415.1082

4.8834

354.6955,  
406.4045, 487.6914

0.4132, 1.0150,  
2.1215

0.0000, 0.0000,  
0.6285

60.7599, 74.4104,  
95.9543

60.7599, 74.4104,  
95.9543

55.9074, 71.1685,  
95.5856

66.5689, 78.1562,  
96.3724

51.9490, 68.3930,  
95.2585

73.3790, 82.4235,  
96.8372

48.8253, 66.0549,  
94.9718

81.2399, 87.2398,  
97.3525

46.4669, 64.1185,  
94.7223

89.7518, 92.3990,  
97.8997

■ 44.7932, 62.5421,  
94.5063

■ 90.2762, 93.4477,  
98.0745

■ 43.7052, 61.2749,  
94.3190

■ 90.8055, 94.5063,  
98.2509

■ 43.2797, 60.6748,  
94.2256

■ 91.3397, 95.5748,  
98.4290

■ 91.8789, 96.6531,  
98.6087

■ 92.4231, 97.7415,  
98.7901

# Harmonies

## Analogous

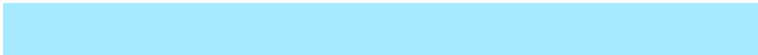
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.8083, 74.4104, 78.2657



60.7599, 74.4104, 95.9543



64.3200, 74.4104, 111.3885

# Triad

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



60.7599, 74.4104, 95.9543



80.6571, 74.4104, 101.4587



71.7023, 74.4104, 52.2779

# Complementary

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



60.7599, 74.4104, 95.9543



56.6763, 48.4688, 39.1707

# 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.



77.5414, 74.4104, 56.7437



60.7599, 74.4104, 95.9543



82.8949, 74.4104, 83.8388

# Square

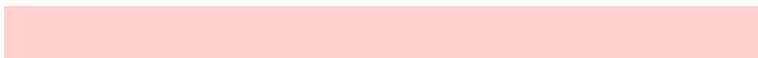
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.7599, 74.4104, 95.9543



75.7634, 74.4104, 114.8693



81.7238, 74.4104, 67.7222



65.9148, 74.4104, 54.5744

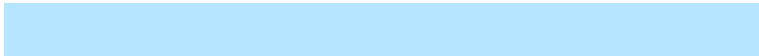


# Rectangle

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



60.7599, 74.4104, 95.9543



67.8053, 74.4104, 117.4707



81.7238, 74.4104, 67.7222



73.7270, 74.4104, 53.0174

# Sweetspot

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



60.7621, 74.4133, 95.9560



85.7048, 94.3243, 108.2970



53.1053, 74.1756, 46.9267



18.0841, 20.0294, 23.1629



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.



60.7621, 74.4133, 95.9560



64.1354, 80.5963, 106.7841



50.0821, 53.0533, 92.3960



16.8895, 18.5433, 21.2316



23.7955, 33.3848, 51.7278



2.1212, 2.9937, 4.5563



# Inverse Universe

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



64.6481, 49.9671, 86.3614



69.0896, 49.9651, 94.4323



65.4376, 65.9915, 42.0911



17.1596, 16.7467, 20.5868



27.8154, 13.4696, 40.5977

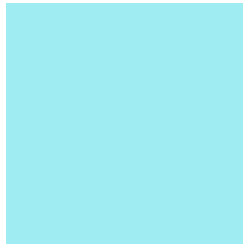


2.4597, 1.1899, 3.6473



# Previews

## White Background



This preview shows how the XYZ color 60.7599, 74.4104, 95.9543 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

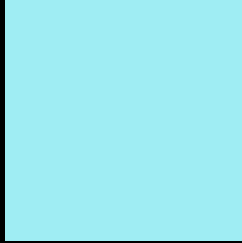
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.7599, 74.4104, 95.9543 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

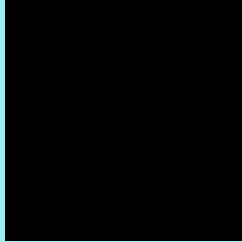
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 60.7599, 74.4104, 95.9543

## Background



This preview shows how black text looks on a background with the XYZ color 60.7599, 74.4104, 95.9543.



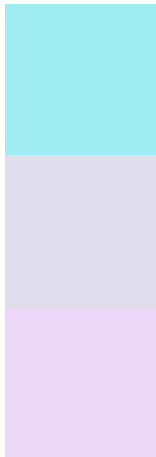
This preview shows how white text looks on a background with the XYZ color 60.7599, 74.4104,



# 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

60.7599, 74.4104, 95.9543

### Protanopia

71.7130, 74.0304, 88.3515

### Deuteranopia

75.2056, 73.6647, 98.2506



## Tritanopia

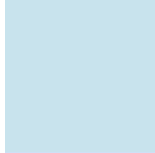
62.4980, 74.2538, 104.8044

# Trichromacy



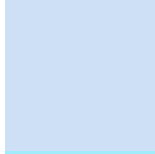
## Original Color

60.7599, 74.4104, 95.9543



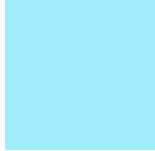
## Protanomaly

66.5746, 73.3320, 90.7664



## Deuteranomaly

68.7438, 73.0869, 97.6728



## Tritanomaly

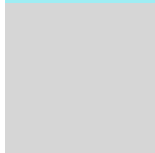
61.9487, 74.4701, 101.5516

# Monochromacy



## Original Color

60.7599, 74.4104, 95.9543



## Achromatopsia

63.9157, 67.2443, 73.2291



## Achromatomaly

61.9600, 69.1481, 81.3154

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.7599, 74.4104, 95.9543 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(159, 237, 243)` looks like.

```
.text, #text, p{  
    color:rgb(159, 237, 243)  
}
```

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(159, 237, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 237, 243) }
```

## Border

The CSS property to change the border of an element to XYZ 60.7599, 74.4104, 95.9543 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(159, 237, 243) }
```



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

```
.border{ border-color:rgb(159, 237, 243) }
```

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

Here you see how a box with a 4 pixel rgb(159, 237, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 237, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 237, 243);  
box-shadow:4px 4px 4px 4px rgb(159, 237,  
243) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.7599, 74.4104, 95.9543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 237, 243) }
```

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

```
.background{ background-color: rgb(159,  
237, 243) }
```

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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