

# Converting Colors

XYZ(60.7336, 77.5024, 97.4401)

Have a look what the booklet for  
XYZ(60.7336, 77.5024, 97.4401)  
contains.

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# Color

**XYZ(60.7124, 77.4361,  
97.3347)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 93F4F4                       |
| RGB         | 147, 244, 244                |
| RGB Percent | 58%, 96%, 96%                |
| CMY         | 0.4235, 0.0431, 0.0431       |
| CMYK        | 0.40, 0.00, 0.00, 0.04       |
| HSL         | 180°, 82%, 77%               |
| HSV         | 180°, 40%, 96%               |
| XYZ         | 60.7124, 77.4361, 97.3347    |
| YIQ         | 214.9970, -57.8120, -20.5640 |

# Conversions

## Conversions Part 2

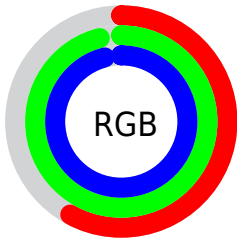
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 147, 196, 244                  |
| Decimal                             | 9696500                        |
| CIELab                              | 90.52, -28.54, -9.00           |
| CIElCh                              | 91, 29.924, 197.513            |
| Yxy                                 | 77.4361, 0.2578,<br>0.3288     |
| Android<br>(android.graphics.Color) | 4287886580<br>(0xFF93F4F4)     |
| YUV                                 | 214.9970, 14.2985,<br>-59.6334 |
| Hunter-Lab                          | 87.9978, -30.8434,<br>-3.9825  |

# Details

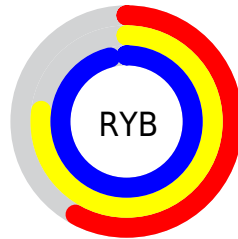
The XYZ color **60.7124, 77.4361, 97.3347** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.0110, 42.2093, 32.9597**, and the grayscale version is **64.5255, 67.8858, 73.9277**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **30.9672, 41.2953, 53.9156** is the 20% darker color. If you saturate the color by 10%, you get **56.7930, 75.4175, 97.1524**, and if you desaturate by 10%, it is **65.5643, 79.9392, 97.5640**.

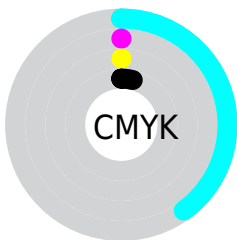
# Distribution



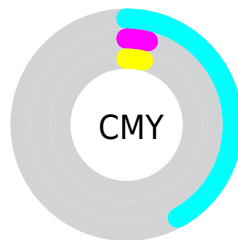
- Red (58%)
- Green (96%)
- Blue (96%)



- Red (58%)
- Yellow (77%)
- Blue (96%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)




- Cyan (42%)
- Magenta (4%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7124, 77.4361, 97.3347 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 60.7124, 77.4361, 97.3347 by changing the saturation by 10% instead.




 60.7124, 77.4361,  
97.3347


 60.7124, 77.4361,  
97.3347


417.0115,  
486.2496, 572.7867

 44.2448, 57.6109,  
73.4721


 104.9629,  
129.7549, 159.5094

 31.0617, 41.4959,  
53.8679


 133.4764,  
163.0173, 198.6585

 20.7979, 28.7068,  
38.1036

166.7360,  
201.5274, 243.7403

 13.0880, 18.8591,  
25.7606

205.1069,  
245.6698, 295.1731

 7.5666, 11.5685,  
16.4205

248.9546,  
295.8289, 353.3757

 3.8683, 6.4506,  
9.6646

298.6443,

 1.6279, 3.1210,

352.3889, 418.7664

5.0745

354.5415,  
415.7344, 491.7639

■ 0.4105, 1.1952,  
2.2315

■ 0.0000, 0.0578,  
0.6925

■ 60.7124, 77.4361,  
97.3347

■ 60.7124, 77.4361,  
97.3347

■ 56.7930, 75.4175,  
97.1524

■ 65.5643, 79.9392,  
97.5640

■ 53.7401, 73.8436,  
97.0090

■ 71.3958, 82.9454,  
97.8375

■ 51.4899, 72.6836,  
96.9032

■ 78.2590, 86.4835,  
98.1592

■ 49.9671, 71.8986,  
96.8314

■ 86.2005, 90.5775,  
98.5314

■ 49.0818, 71.4422,  
96.7894

■ 89.9219, 92.4959,  
98.7061

■ 48.6883, 71.2394,  
96.7704

■ 89.9220, 92.4960,  
98.7066

■ 48.6808, 71.2355,  
96.7701

■ 89.9221, 92.4960,  
98.7072

■ 89.9222, 92.4961,  
98.7077

■ 89.9223, 92.4961,  
98.7083

# Harmonies

## Analogous

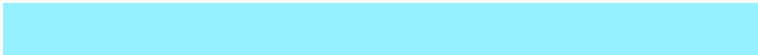
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.4256, 77.4361, 75.7137



60.7124, 77.4361, 97.3347



64.3025, 77.4361, 118.5048

# Triad

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



60.7124, 77.4361, 97.3347



84.7309, 77.4361, 115.3273



76.7563, 77.4361, 50.1379

# Complementary

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



60.7124, 77.4361, 97.3347



53.0110, 42.2093, 32.9597

# 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.



83.7546, 77.4361, 57.4281



60.7124, 77.4361, 97.3347



88.5639, 77.4361, 93.5436

# Square

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



60.7124, 77.4361, 97.3347



78.0166, 77.4361, 130.0415



88.1949, 77.4361, 72.5109



69.3547, 77.4361, 50.8022

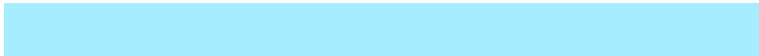


# Rectangle

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



60.7124, 77.4361, 97.3347



68.2327, 77.4361, 128.4151



88.1949, 77.4361, 72.5109



79.2431, 77.4361, 51.6800

# Sweetspot

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



60.7147, 77.4391, 97.3365



84.6745, 94.6512, 108.4137



49.9441, 73.1646, 39.0952



17.9045, 20.1462, 23.1947



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

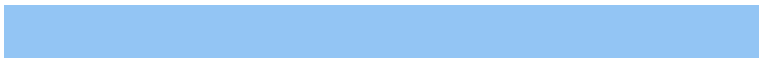
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.7147, 77.4391, 97.3365



63.4193, 83.6938, 107.4168



48.3568, 52.7227, 93.2192



16.9968, 18.7578, 21.2673



26.4689, 38.7324, 52.6162



2.3264, 3.4042, 4.6245



# Inverse Universe

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



53.0110, 42.2093, 32.9597



53.7791, 39.6082, 26.8576



61.8432, 59.8741, 35.9027



16.4992, 16.4825, 17.1095



20.2862, 10.4579, 0.9495

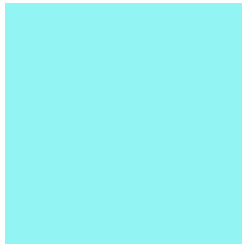


1.7830, 0.9192, 0.0835



# Previews

## White Background



This preview shows how the XYZ color 60.7124, 77.4361, 97.3347 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

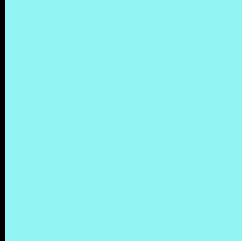
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.7124, 77.4361, 97.3347 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

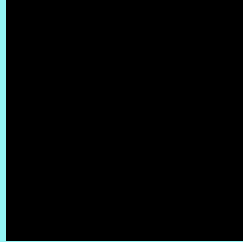
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 60.7124, 77.4361, 97.3347**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.7124, 77.4361, 97.3347.



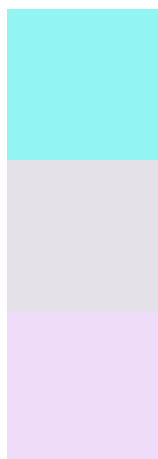
This preview shows how white text looks on a background with the XYZ color 60.7124, 77.4361,



# 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

60.7124, 77.4361, 97.3347

### Protanopia

73.9463, 76.3916, 87.9385

### Deuteranopia

77.9520, 76.2031, 100.2227



## Tritanopia

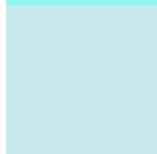
65.2787, 77.3880, 106.1046

# Trichromacy



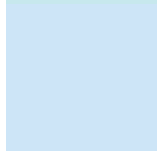
## Original Color

60.7124, 77.4361, 97.3347



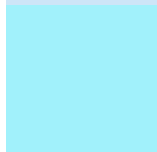
## Protanomaly

67.6959, 75.9698, 91.2164



## Deuteranomaly

69.9846, 75.7332, 98.9251



## Tritanomaly

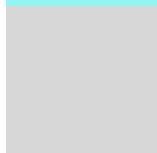
63.5658, 77.4527, 102.8664

# Monochromacy



## Original Color

60.7124, 77.4361, 97.3347



## Achromatopsia

64.5905, 67.9542, 74.0022



## Achromatomaly

62.1590, 70.8308, 82.3471

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.7124, 77.4361, 97.3347 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(147, 244, 244)` looks like.

```
.text, #text, p{  
    color:rgb(147, 244, 244)  
}
```

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(147, 244, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 244, 244) }
```

## Border

The CSS property to change the border of an element to XYZ 60.7124, 77.4361, 97.3347 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(147, 244, 244) }
```



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

```
.border{ border-color:rgb(147, 244, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 244, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 244, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 244, 244); box-shadow:4px 4px 4px 4px rgb(147, 244, 244) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.7124, 77.4361, 97.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 244, 244) }
```

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

```
.background{ background-color: rgb(147,  
244, 244) }
```

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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