

Converting Colors

XYZ(61.4782, 73.0446,
104.4924)

Have a look what the booklet for
XYZ(61.4782, 73.0446, 104.4924)
contains.

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Color

**XYZ(61.3264, 72.8045,
104.5864)**

Conversions

Conversions Part 1

Format	Color
Hex	9FE9FE
RGB	159, 233, 254
RGB Percent	62%, 91%, 100%
CMY	0.3765, 0.0863, 0.0039
CMYK	0.37, 0.08, 0.00, 0.00
HSL	193°, 98%, 81%
HSV	193°, 37%, 100%
XYZ	61.3264, 72.8045, 104.5864
YIQ	213.2680, -50.8450, -9.1570

Conversions

Conversions Part 2

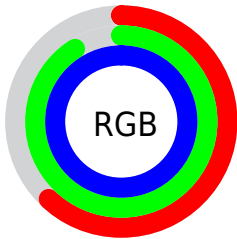
Format	Color
R _Y B	159, 201, 254
Decimal	10480126
CIE Lab	88.35, -17.75, -17.41
CIE LCh	88, 24.863, 224.454
Yxy	72.8045, 0.2569, 0.3050
Android (android.graphics.Color)	4288670206 (0xFF9FE9FE)
YUV	213.2680, 20.0809, -47.5930
Hunter-Lab	85.3256, -21.0256, -12.9459

Details

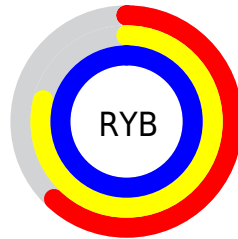
The XYZ color **61.3264, 72.8045, 104.5864** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.4536, 56.2177, 40.3096**, and the grayscale version is **63.3212, 66.6188, 72.5479**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **31.3937, 38.3591, 58.5727** is the 20% darker color. If you saturate the color by 10%, you get **55.2340, 67.3434, 103.8547**, and if you desaturate by 10%, it is **68.5087, 78.9060, 105.3868**.

Distribution



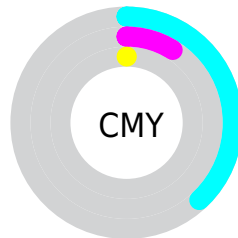
- Red (62%)
- Green (91%)
- Blue (100%)



- Red (62%)
- Yellow (79%)
- Blue (100%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3264, 72.8045, 104.5864 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 61.3264, 72.8045, 104.5864 by changing the saturation by 10% instead.

61.3264, 72.8045,
104.5864

61.3264, 72.8045,
104.5864

419.2266,
470.3370, 596.1709

44.7422, 53.8161,
79.4982

105.8468,
123.1996, 169.5524

31.4548, 38.4547,
58.7818

134.5138,
155.3752, 210.2673

21.0989, 26.3358,
42.0186

167.9390,
192.7152, 257.0282

13.3092, 17.0750,
28.7902

206.4878,
235.6042, 310.2536

7.7203, 10.2880,
18.6779

250.5256,
284.4264, 370.3620

3.9668, 5.5903,
11.2633

300.4178,

1.6834, 2.5976,

339.5664, 437.7720

6.1279

356.5297,
401.4084, 512.9021

■ 0.4458, 0.9255,
2.8529

■ 0.0000, 0.0000,
1.0200

■ 61.3264, 72.8045,
104.5864

■ 61.3264, 72.8045,
104.5864

■ 55.2340, 67.3434,
103.8547

■ 68.5087, 78.9060,
105.3868

■ 50.1605, 62.4802,
103.1834

■ 76.8331, 85.6703,
106.2537

■ 46.0368, 58.1804,
102.5708

■ 86.3563, 93.1290,
107.1915

■ 42.7820, 54.4014,
102.0129

94.8896, 99.9359,
108.0556

■ 40.3006, 51.0935,
101.5052

■ 38.4691, 48.1920,
101.0417

■ 38.0515, 47.4795,
100.9262

Harmonies

Analogous

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



58.6709, 72.8045, 87.7606



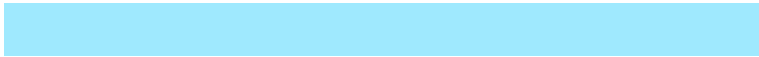
61.3264, 72.8045, 104.5864



66.1683, 72.8045, 115.3351

Triad

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



61.3264, 72.8045, 104.5864



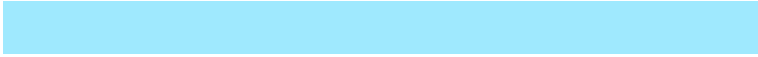
80.8528, 72.8045, 88.4099



66.3737, 72.8045, 51.5169

Complementary

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



61.3264, 72.8045, 104.5864



63.4536, 56.2177, 40.3096

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.



72.3198, 72.8045, 51.6386



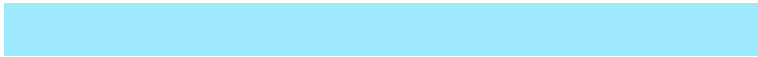
61.3264, 72.8045, 104.5864



80.9157, 72.8045, 71.3487

Square

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



61.3264, 72.8045, 104.5864



77.5499, 72.8045, 105.1203



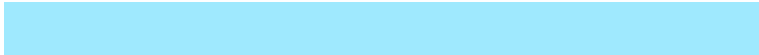
77.7170, 72.8045, 58.4118



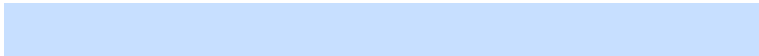
61.4693, 72.8045, 58.0511

Rectangle

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



61.3264, 72.8045, 104.5864



70.0934, 72.8045, 116.7573



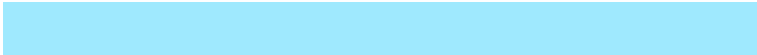
77.7170, 72.8045, 58.4118



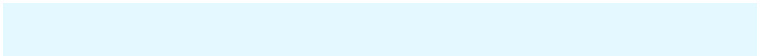
68.3112, 72.8045, 50.8141

Sweetspot

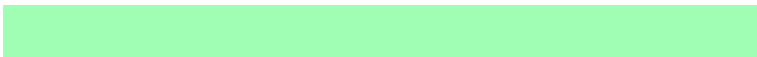
The Sweet Spot groups the original color and five complimentary colors.



61.3286, 72.8073, 104.5881



83.5267, 91.1706, 107.8031



57.9374, 81.5345, 55.6439



17.5967, 19.2943, 23.0467



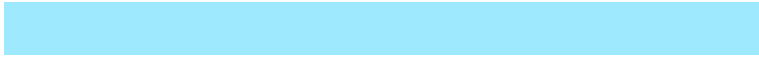
0.0000, 0.0000, 0.0000



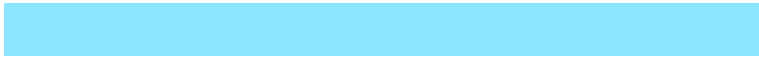
20.3446, 21.4041, 23.3091

Same Dimension

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



61.3286, 72.8073, 104.5881



57.1032, 69.2087, 104.9567



49.7307, 49.6114, 100.7221



18.1942, 19.7601, 23.1051



20.1754, 25.2604, 53.2470



2.0444, 2.6195, 5.2111

Inverse Universe

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



67.9811, 51.7523, 83.5000



64.8866, 45.7821, 80.0125



74.6245, 78.5595, 44.0332



18.6107, 18.2276, 21.8330



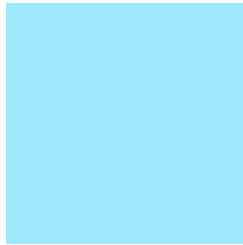
26.9718, 13.2780, 29.5657



2.6665, 1.3090, 3.0913

Previews

White Background



This preview shows how the XYZ color 61.3264, 72.8045, 104.5864 looks on a white background.

Color Contrast Check

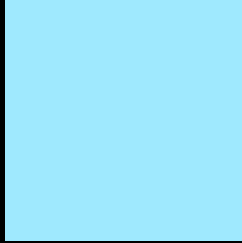
Large Text (above 18pt) WCAG AA × Fail

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 61.3264, 72.8045, 104.5864 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 61.3264, 72.8045, 104.5864

Background



This preview shows how black text looks on a background with the XYZ color 61.3264, 72.8045, 104.5864.

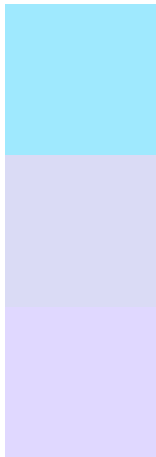


This preview shows how white text looks on a background with the XYZ color 61.3264, 72.8045,

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

61.3264, 72.8045, 104.5864

Protanopia

70.7264, 72.1610, 96.5870

Deuteranopia

73.3463, 72.1790, 104.6739



Tritanopia

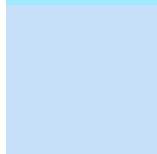
61.0077, 72.6770, 102.9081

Trichromacy



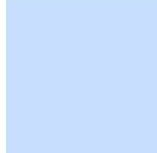
Original Color

61.3264, 72.8045, 104.5864



Protanomaly

66.6249, 71.9589, 99.1849



Deuteranomaly

67.9907, 71.7419, 104.8718



Tritanomaly

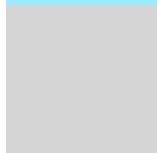
61.1666, 72.7406, 103.7450

Monochromacy



Original Color

61.3264, 72.8045, 104.5864



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

61.5891, 68.1253, 83.3022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3264, 72.8045, 104.5864 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, 233, 254)` looks like.

```
.text, #text, p{  
    color:rgb(159, 233, 254)  
}
```

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, 233, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 233, 254) }
```

Border

The CSS property to change the border of an element to XYZ 61.3264, 72.8045, 104.5864 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, 233, 254) }
```


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

```
.border{ border-color:rgb(159, 233, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 233, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 233, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 233, 254);  
box-shadow:4px 4px 4px 4px rgb(159, 233,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3264, 72.8045, 104.5864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 233, 254) }
```

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

```
.background{ background-color: rgb(159,  
233, 254) }
```

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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