

Converting Colors

XYZ(74.6506, 78.4451,
170.1457)

Have a look what the booklet for
XYZ(74.6506, 78.4451, 170.1457)
contains.

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Color

**XYZ(62.2932, 73.2844,
105.4698)**

Conversions

Conversions Part 1

Format	Color
Hex	A3E9FF
RGB	163, 233, 255
RGB Percent	64%, 91%, 100%
CMY	0.3608, 0.0863, 0.0000
CMYK	0.36, 0.09, 0.00, 0.00
HSL	194°, 100%, 82%
HSV	194°, 36%, 100%
XYZ	62.2932, 73.2844, 105.4698
YIQ	214.5780, -48.7820, -7.9980

Conversions

Conversions Part 2

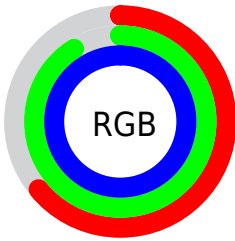
Format	Color
R_{YB}	163, 203, 255
Decimal	10742271
CIE _{Lab}	88.58, -16.48, -17.57
CIE _{LCh}	89, 24.088, 226.845
Y _{xy}	73.2844, 0.2584, 0.3040
Android (android.graphics.Color)	4288932351 (0xFFA3E9FF)
YUV	214.5780, 19.9280, -45.2339
Hunter-Lab	85.6063, -19.9218, -13.1228

Details

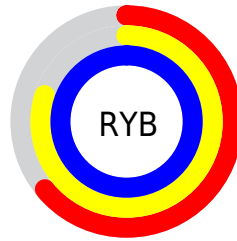
The XYZ color **62.2932, 73.2844, 105.4698** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.2002, 58.6024, 42.5273**, and the grayscale version is **64.2011, 67.5446, 73.5561**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **31.9786, 38.6473, 59.2003** is the 20% darker color. If you saturate the color by 10%, you get **55.8931, 67.4685, 104.6846**, and if you desaturate by 10%, it is **69.8096, 79.7678, 106.3251**.

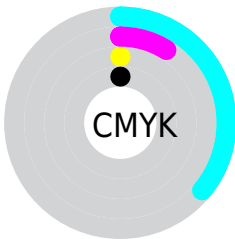
Distribution



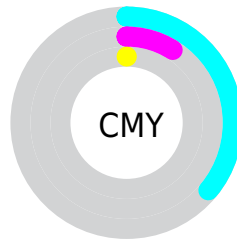
- Red (64%)
- Green (91%)
- Blue (100%)



- Red (64%)
- Yellow (80%)
- Blue (100%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2932, 73.2844, 105.4698 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 62.2932, 73.2844, 105.4698 by changing the saturation by 10% instead.

62.2932, 73.2844,
105.4698

62.2932, 73.2844,
105.4698

422.7003,
471.9999, 598.9864

45.5261, 54.2085,
80.2341

107.2367,
123.8809, 170.7710

32.0751, 38.7684,
59.3838

136.1439,
156.1703, 211.6737

21.5747, 26.5796,
42.5001

169.8285,
193.6330, 258.6358

13.6596, 17.2578,
29.1646

208.6559,
236.6534, 312.0758

7.9644, 10.4184,
18.9587

252.9914,
285.6159, 372.4124

4.1238, 5.6773,
11.4639

303.2004,

1.7724, 2.6498,

340.9049, 440.0640

6.2617

359.6483,
402.9048, 515.4491

■ 0.5010, 0.9518,
2.9335

■ 0.0000, 0.0000,
1.0608

■ 62.2932, 73.2844,
105.4698

■ 62.2932, 73.2844,
105.4698

■ 55.8931, 67.4685,
104.6846

■ 69.8096, 79.7678,
106.3251

■ 50.5390, 62.2778,
103.9649

■ 78.4951, 86.9415,
107.2520

■ 46.1619, 57.6775,
103.3076

■ 88.4065, 94.8374,
108.2537

■ 42.6812, 53.6252,
102.7089

95.0500, 100.0000,
108.9000

■ 40.0030, 50.0715,
102.1641

■ 38.0106, 46.9553,
101.6677

■ 37.3486, 45.8172,
101.4829

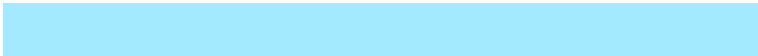
Harmonies

Analogous

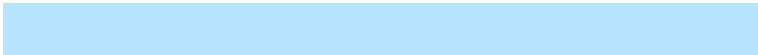
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.5051, 73.2844, 89.4244



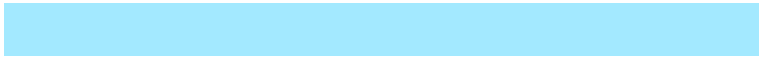
62.2932, 73.2844, 105.4698



67.1442, 73.2844, 115.1595

Triad

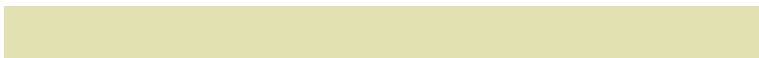
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.2932, 73.2844, 105.4698



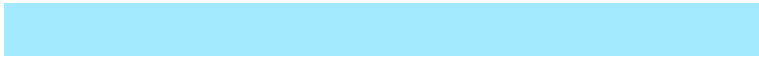
81.1030, 73.2844, 87.2955



66.4688, 73.2844, 52.9345

Complementary

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



62.2932, 73.2844, 105.4698



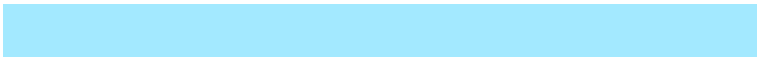
65.2002, 58.6024, 42.5273

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.



72.2268, 73.2844, 52.5302



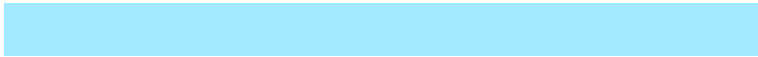
62.2932, 73.2844, 105.4698



80.8972, 73.2844, 70.8815

Square

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



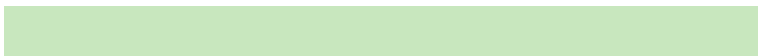
62.2932, 73.2844, 105.4698



78.1218, 73.2844, 103.7258



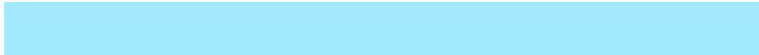
77.5743, 73.2844, 58.6655



61.8224, 73.2844, 59.8596

Rectangle

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



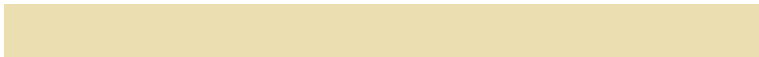
62.2932, 73.2844, 105.4698



70.9939, 73.2844, 115.9418



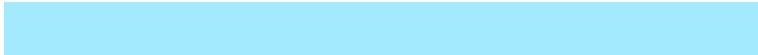
77.5743, 73.2844, 58.6655



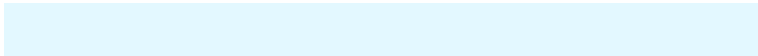
68.3323, 73.2844, 52.0690

Sweetspot

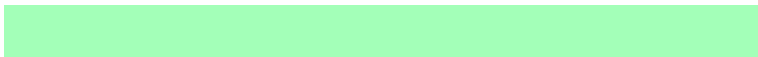
The Sweet Spot groups the original color and five complimentary colors.



62.2952, 73.2872, 105.4703



83.3705, 90.8581, 107.7510



59.5662, 82.7874, 58.4462



17.5593, 19.2195, 23.0342



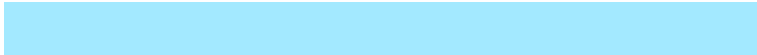
0.0000, 0.0000, 0.0000



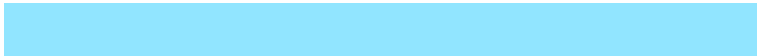
20.3446, 21.4041, 23.3091

Same Dimension

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



62.2952, 73.2872, 105.4703



57.7482, 69.1903, 104.9192



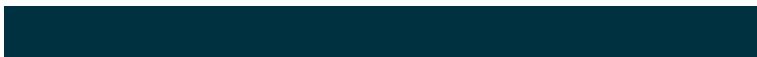
51.0394, 50.7756, 101.7184



18.1652, 19.7020, 23.0954



19.6370, 24.1836, 53.0675



1.9961, 2.5230, 5.1951

Inverse Universe

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



69.0465, 53.3393, 83.7503



65.5316, 47.2630, 79.6389



76.2784, 80.7588, 46.2200



18.5960, 18.2217, 21.7559



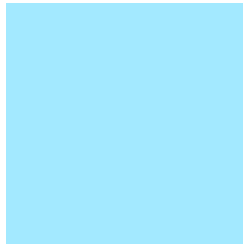
26.7001, 13.1693, 28.1347



2.6422, 1.2992, 2.9631

Previews

White Background



This preview shows how the XYZ color 62.2932, 73.2844, 105.4698 looks on a white background.

Color Contrast Check

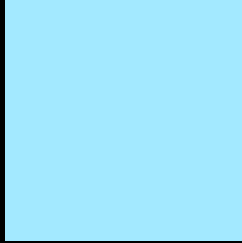
Large Text (above 18pt) WCAG AA × Fail

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 62.2932, 73.2844, 105.4698 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 62.2932, 73.2844, 105.4698

Background



This preview shows how black text looks on a background with the XYZ color 62.2932, 73.2844, 105.4698.



This preview shows how white text looks on a background with the XYZ color 62.2932, 73.2844,

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

62.2932, 73.2844, 105.4698

Protanopia

71.2951, 72.8072, 98.2912

Deuteranopia

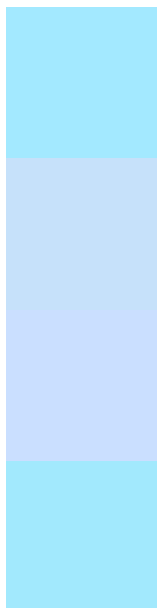
73.9142, 72.8533, 104.7741



Tritanopia

61.6099, 72.9875, 102.9363

Trichromacy



Original Color

62.2932, 73.2844, 105.4698

Protanomaly

67.4692, 72.7583, 100.9302

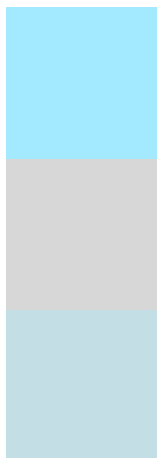
Deuteranomaly

68.7948, 72.5519, 104.9858

Tritanomaly

61.7688, 73.0511, 103.7732

Monochromacy



Original Color

62.2932, 73.2844, 105.4698

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.1692, 69.6915, 84.9853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2932, 73.2844, 105.4698 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(163, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(163, 233, 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(163, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 233, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.2932, 73.2844, 105.4698 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(163, 233, 255) }
```


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

```
.border{ border-color:rgb(163, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(163, 233,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2932, 73.2844, 105.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 233, 255) }
```

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

```
.background{ background-color: rgb(163,  
233, 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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