

Converting Colors

XYZ(65.6597, 75.8245,
122.5819)

Have a look what the booklet for
XYZ(65.6597, 75.8245, 122.5819)
contains.

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Color

**XYZ(62.5427, 74.6845,
105.7269)**

Conversions

Conversions Part 1

Format	Color
Hex	A0ECFF
RGB	160, 236, 255
RGB Percent	63%, 93%, 100%
CMY	0.3725, 0.0745, 0.0000
CMYK	0.37, 0.07, 0.00, 0.00
HSL	192°, 100%, 81%
HSV	192°, 37%, 100%
XYZ	62.5427, 74.6845, 105.7269
YIQ	215.4420, -51.3950, -10.2030

Conversions

Conversions Part 2

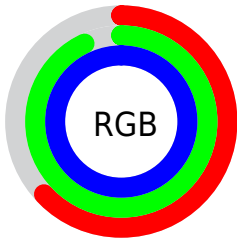
Format	Color
R _Y B	160, 202, 255
Decimal	10546431
CIE Lab	89.25, -18.75, -16.59
CIE LCh	89, 25.036, 221.507
Yxy	74.6845, 0.2574, 0.3074
Android (android.graphics.Color)	4288736511 (0xFFA0ECFF)
YUV	215.4420, 19.5021, -48.6226
Hunter-Lab	86.4202, -22.0541, -12.0415

Details

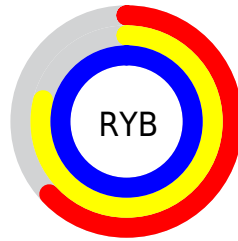
The XYZ color **62.5427, 74.6845, 105.7269** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.7057, 56.0386, 40.7186**, and the grayscale version is **64.7895, 68.1636, 74.2302**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **32.2232, 39.6628, 59.3834** is the 20% darker color. If you saturate the color by 10%, you get **56.5115, 69.4285, 105.0303**, and if you desaturate by 10%, it is **69.6654, 80.5689, 106.4873**.

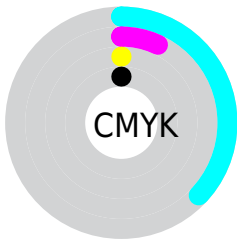
Distribution



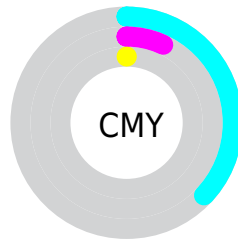
- Red (63%)
- Green (93%)
- Blue (100%)



- Red (63%)
- Yellow (79%)
- Blue (100%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5427, 74.6845, 105.7269 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 62.5427, 74.6845, 105.7269 by changing the saturation by 10% instead.

62.5427, 74.6845,
105.7269

62.5427, 74.6845,
105.7269

423.5940,
476.8325, 599.8045

45.7286, 55.3545,
80.4484

107.5950,
125.8657, 171.1255

32.2354, 39.6856,
59.5591

136.5640,
158.4856, 212.0827

21.6978, 27.2935,
42.6404

170.3152,
196.3042, 259.1032

13.7504, 17.7938,
29.2737

209.2142,
239.7060, 312.6056

8.0278, 10.8020,
19.0406

253.6262,
289.0753, 373.0084

4.1647, 5.9339,
11.5225

303.9166,

1.7957, 2.8049,

344.7966, 440.7301

6.3009

360.4508,
407.2542, 516.1893

■ 0.5151, 1.0307,
2.9572

■ 0.0000, 0.0000,
1.0728

■ 62.5427, 74.6845,
105.7269

■ 62.5427, 74.6845,
105.7269

■ 56.5115, 69.4285,
105.0303

■ 69.6654, 80.5689,
106.4873

■ 51.5008, 64.7587,
104.3930

■ 77.9326, 87.1043,
107.3131

■ 47.4410, 60.6402,
103.8121

■ 87.4013, 94.3222,
108.2072

■ 44.2506, 57.0306,
103.2835

95.0500, 100.0000,
108.9000

■ 41.8338, 53.8799,
102.8027

■ 40.0671, 51.1239,
102.3639

■ 39.6449, 50.4099,
102.2483

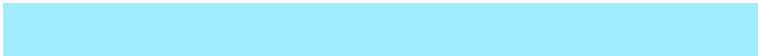
Harmonies

Analogous

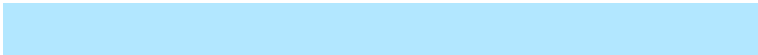
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.0803, 74.6845, 88.2198



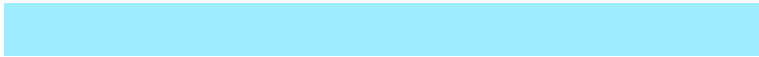
62.5427, 74.6845, 105.7269



67.3224, 74.6845, 117.5990

Triad

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



62.5427, 74.6845, 105.7269



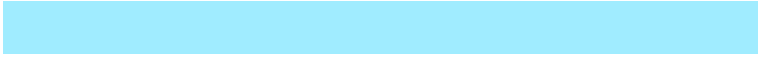
82.7249, 74.6845, 92.4692



68.6666, 74.6845, 52.5942

Complementary

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



62.5427, 74.6845, 105.7269



63.7057, 56.0386, 40.7186

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.



74.7789, 74.6845, 53.3922



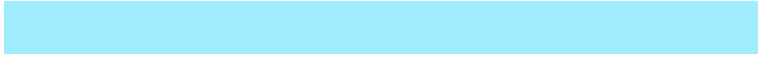
62.5427, 74.6845, 105.7269



83.1361, 74.6845, 74.7872

Square

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



62.5427, 74.6845, 105.7269



79.0625, 74.6845, 109.2195



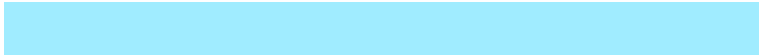
80.1556, 74.6845, 60.9898



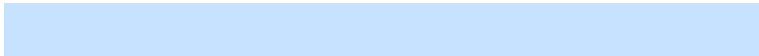
63.4780, 74.6845, 58.6269

Rectangle

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



62.5427, 74.6845, 105.7269



71.2949, 74.6845, 119.8206



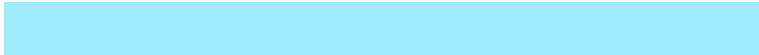
80.1556, 74.6845, 60.9898



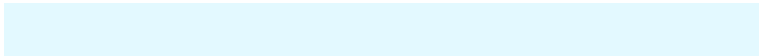
70.6767, 74.6845, 52.0985

Sweetspot

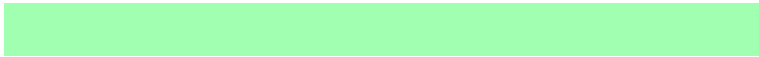
The Sweet Spot groups the original color and five complimentary colors.



62.5447, 74.6873, 105.7274



83.7094, 91.5361, 107.8640



58.2359, 82.1852, 54.6089



17.6405, 19.3819, 23.0613



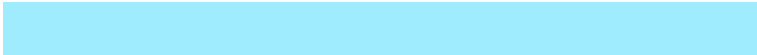
0.0000, 0.0000, 0.0000



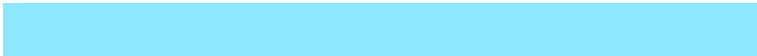
20.3446, 21.4041, 23.3091

Same Dimension

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



62.5447, 74.6873, 105.7274



57.7792, 70.5608, 105.1820



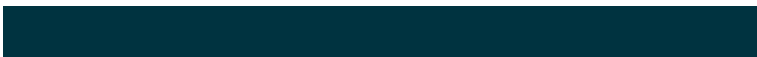
50.9803, 51.5584, 101.8726



18.2282, 19.8280, 23.1164



20.8238, 26.5572, 53.4631



2.1022, 2.7352, 5.2304

Inverse Universe

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



68.9525, 52.4595, 85.8515



65.2278, 45.9186, 81.8094



74.4886, 77.6044, 44.3129



18.6278, 18.2344, 21.9232



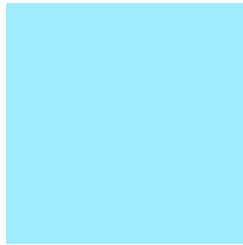
27.2991, 13.4089, 31.2892



2.6957, 1.3207, 3.2451

Previews

White Background



This preview shows how the XYZ color 62.5427, 74.6845, 105.7269 looks on a white background.

Color Contrast Check

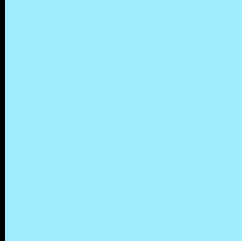
Large Text (above 18pt) WCAG AA × Fail

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 62.5427, 74.6845, 105.7269 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 62.5427, 74.6845, 105.7269

Background



This preview shows how black text looks on a background with the XYZ color 62.5427, 74.6845, 105.7269.

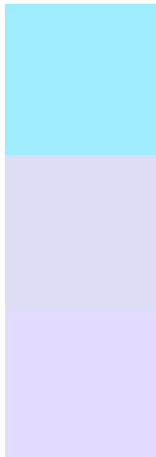


This preview shows how white text looks on a background with the XYZ color 62.5427, 74.6845,

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

62.5427, 74.6845, 105.7269

Protanopia

72.5746, 74.2685, 97.6989

Deuteranopia

74.8000, 73.6937, 104.8897



Tritanopia

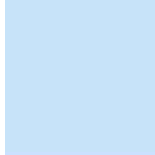
62.5427, 74.6845, 105.7269

Trichromacy



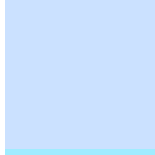
Original Color

62.5427, 74.6845, 105.7269



Protanomaly

68.1212, 73.9198, 100.3001



Deuteranomaly

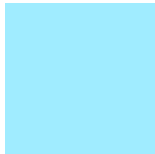
69.6038, 73.7669, 105.1777



Tritanomaly

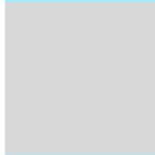
62.5427, 74.6845, 105.7269

Monochromacy



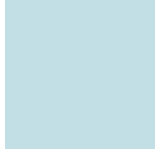
Original Color

62.5427, 74.6845, 105.7269



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

63.1763, 70.0906, 85.0620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5427, 74.6845, 105.7269 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(160, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 236, 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(160, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.5427, 74.6845, 105.7269 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(160, 236, 255) }
```


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

```
.border{ border-color:rgb(160, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5427, 74.6845, 105.7269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 236, 255) }
```

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

```
.background{ background-color: rgb(160,  
236, 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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