

Converting Colors

XYZ(66.5512, 69.2457,
124.9445)

Have a look what the booklet for
XYZ(66.5512, 69.2457, 124.9445)
contains.

XYZ(62.6729, 67.8281, 104.3967)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.6729, 67.8281,
104.3967)**

Conversions

Conversions Part 1

Format	Color
Hex	B6DBFF
RGB	182, 219, 255
RGB Percent	71%, 86%, 100%
CMY	0.2863, 0.1412, 0.0000
CMYK	0.29, 0.14, 0.00, 0.00
HSL	210°, 100%, 86%
HSV	210°, 29%, 100%
XYZ	62.6729, 67.8281, 104.3967
YIQ	212.0410, -33.6080, 3.3520

Conversions

Conversions Part 2

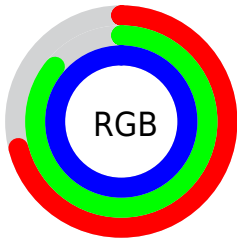
Format	Color
R _Y B	182, 207, 255
Decimal	11983871
CIE Lab	85.92, -4.12, -21.49
CIE LCh	86, 21.881, 259.154
Yxy	67.8281, 0.2668, 0.2888
Android (android.graphics.Color)	4290173951 (0xFFB6DBFF)
YUV	212.0410, 21.1788, -26.3460
Hunter-Lab	82.3578, -8.2907, -17.5055

Details

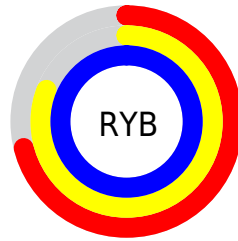
The XYZ color **62.6729, 67.8281, 104.3967** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.7550, 74.7799, 54.7517**, and the grayscale version is **62.4878, 65.7421, 71.5931**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **32.2209, 35.1402, 58.5106** is the 20% darker color. If you saturate the color by 10%, you get **54.0328, 58.6881, 103.0878**, and if you desaturate by 10%, it is **72.6611, 78.0343, 105.8402**.

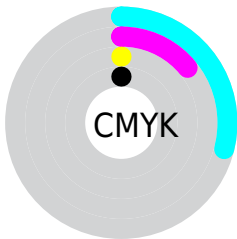
Distribution



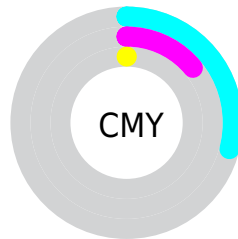
- Red (71%)
- Green (86%)
- Blue (100%)



- Red (71%)
- Yellow (81%)
- Blue (100%)



- Cyan (29%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6729, 67.8281, 104.3967 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 62.6729, 67.8281, 104.3967 by changing the saturation by 10% instead.

■ 62.6729, 67.8281,
104.3967

■ 62.6729, 67.8281,
104.3967

424.0599,
452.8867, 595.5654

■ 45.8343, 49.7579,
79.3402

■ 107.7819,
116.1062, 169.2906

■ 32.3191, 35.2211,
58.6526

136.7831,
147.0829, 209.9651

■ 21.7621, 23.8332,
41.9153

170.5691,
183.1305, 256.6827

■ 13.7978, 15.2099,
28.7099

209.5054,
224.6335, 309.8618

■ 8.0609, 8.9669,
18.6178

253.9572,
271.9762, 369.9212

■ 4.1861, 4.7196,
11.2204

304.2900,

■ 1.8080, 2.0837,

325.5430, 437.2792

6.0993

360.8692,
385.7184, 512.3544

■ 0.5225, 0.6554,
2.8358

■ 0.0000, 0.0000,
1.0114

■ 62.6729, 67.8281,
104.3967

■ 62.6729, 67.8281,
104.3967

■ 54.0328, 58.6881,
103.0878

■ 72.6611, 78.0343,
105.8402

■ 46.6702, 50.5648,
101.9079

■ 84.0521, 89.3377,
107.4216

■ 40.5160, 43.4159,
100.8524

95.0500, 100.0000,
108.9000

■ 35.4920, 37.1924,
99.9160

■ 31.5091, 31.8395,
99.0927

■ 28.4632, 27.2940,
98.3758

■ 26.2079, 23.4707,
97.7567

■ 25.9340, 22.9879,
97.6780

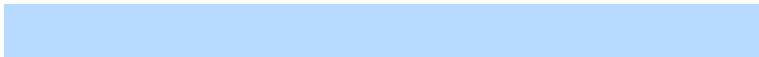
Harmonies

Analogous

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



58.3714, 67.8281, 96.7500



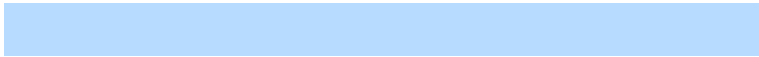
62.6729, 67.8281, 104.3967



67.6811, 67.8281, 103.0992

Triad

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



62.6729, 67.8281, 104.3967



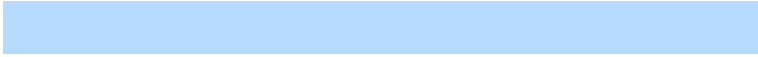
74.0030, 67.8281, 65.1663



57.4527, 67.8281, 57.2396

Complementary

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



62.6729, 67.8281, 104.3967



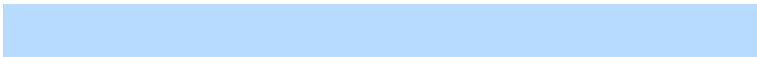
74.7550, 74.7799, 54.7517

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.



61.3593, 67.8281, 50.7379



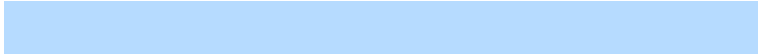
62.6729, 67.8281, 104.3967



70.9762, 67.8281, 54.8880

Square

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



62.6729, 67.8281, 104.3967



74.3997, 67.8281, 79.1670



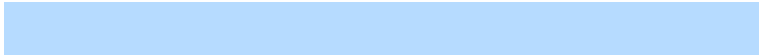
66.2982, 67.8281, 49.9368



55.4631, 67.8281, 68.7828

Rectangle

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



62.6729, 67.8281, 104.3967



70.7441, 67.8281, 97.3783



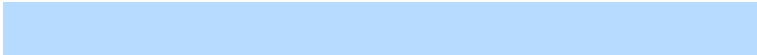
66.2982, 67.8281, 49.9368



58.5756, 67.8281, 54.4595

Sweetspot

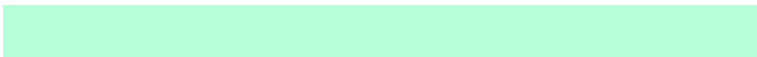
The Sweet Spot groups the original color and five complimentary colors.



62.6748, 67.8307, 104.3971



83.6003, 88.8949, 107.3600



67.6137, 86.4901, 78.9708



17.5217, 18.6615, 22.9285



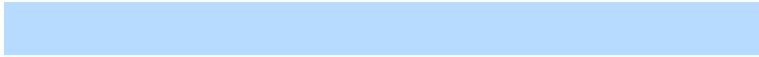
0.0000, 0.0000, 0.0000



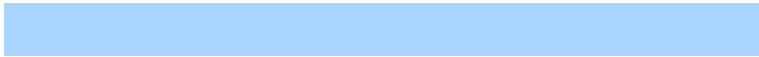
20.3446, 21.4041, 23.3091

Same Dimension

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



62.6748, 67.8307, 104.3971



57.8677, 62.7883, 103.6771



54.3211, 51.1232, 101.6125



17.7641, 18.8998, 22.9617



13.7008, 12.3112, 51.0888



1.4433, 1.4173, 5.0108

Inverse Universe

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



70.7554, 59.8319, 74.8402



67.2129, 54.1421, 69.3587



85.0569, 95.3837, 58.1857



18.3936, 18.1407, 20.6897



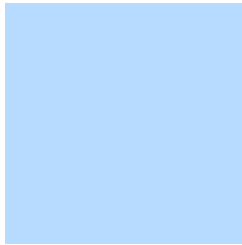
23.7037, 11.9708, 12.3563



2.3631, 1.1876, 1.4937

Previews

White Background



This preview shows how the XYZ color 62.6729, 67.8281, 104.3967 looks on a white background.

Color Contrast Check

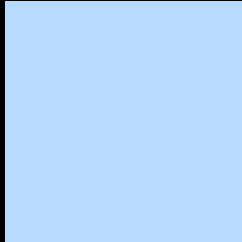
Large Text (above 18pt) WCAG AA × Fail

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 62.6729, 67.8281, 104.3967 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

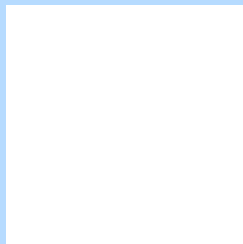
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6729, 67.8281, 104.3967

Background



This preview shows how black text looks on a background with the XYZ color 62.6729, 67.8281, 104.3967.



This preview shows how white text looks on a background with the XYZ color 62.6729, 67.8281,

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

62.6729, 67.8281, 104.3967

Protanopia

66.9390, 67.8189, 100.8291

Deuteranopia

68.8281, 67.6093, 104.0300



Tritanopia

60.2917, 68.0583, 91.6202

Trichromacy



Original Color

62.6729, 67.8281, 104.3967

Protanomaly

65.1598, 67.6349, 101.7160

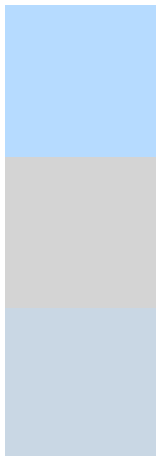
Deuteranomaly

66.2014, 67.3651, 104.1213

Tritanomaly

61.1603, 68.0088, 96.2897

Monochromacy



Original Color

62.6729, 67.8281, 104.3967

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.3914, 66.6198, 82.9693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6729, 67.8281, 104.3967 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(182, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 219, 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(182, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.6729, 67.8281, 104.3967 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(182, 219, 255) }
```


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

```
.border{ border-color:rgb(182, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6729, 67.8281, 104.3967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 219, 255) }
```

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

```
.background{ background-color: rgb(182,  
219, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor