

Converting Colors

XYZ(62.8885, 67.7536, 95.3522)

Have a look what the booklet for
XYZ(62.8885, 67.7536, 95.3522)
contains.

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Color

**XYZ(62.8864, 67.7508,
95.3507)**

Conversions

Conversions Part 1

Format	Color
Hex	BFDAF4
RGB	191, 218, 244
RGB Percent	75%, 85%, 96%
CMY	0.2510, 0.1451, 0.0431
CMYK	0.22, 0.11, 0.00, 0.04
HSL	209°, 71%, 85%
HSV	209°, 22%, 96%
XYZ	62.8864, 67.7508, 95.3507
YIQ	212.8910, -24.4380, 2.3620

Conversions

Conversions Part 2

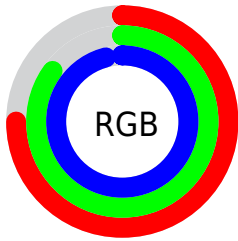
Format	Color
R _Y B	191, 209, 244
Decimal	12573428
CIE Lab	85.88, -3.46, -15.69
CIE LCh	86, 16.064, 257.573
Yxy	67.7508, 0.2783, 0.2998
Android (android.graphics.Color)	4290763508 (0xFFBFDAF4)
YUV	212.8910, 15.3367, -19.1984
Hunter-Lab	82.3109, -7.6681, -11.0652

Details

The XYZ color **62.8864, 67.7508, 95.3507** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.5258, 72.6207, 59.5392**, and the grayscale version is **63.0871, 66.3726, 72.2797**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **32.4908, 35.1436, 52.6479** is the 20% darker color. If you saturate the color by 10%, you get **54.2617, 58.8638, 94.0910**, and if you desaturate by 10%, it is **72.7615, 77.6186, 96.7360**.

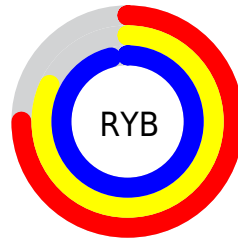
Distribution



Red (75%)

Green (85%)

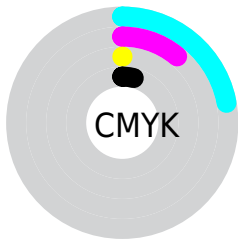
Blue (96%)



Red (75%)

Yellow (82%)

Blue (96%)

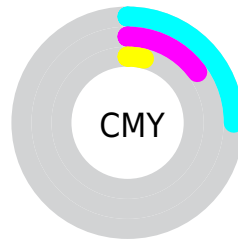


Cyan (22%)

Magenta (11%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (15%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8864, 67.7508, 95.3507 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 62.8864, 67.7508, 95.3507 by changing the saturation by 10% instead.

■ 62.8864, 67.7508,
95.3507

■ 62.8864, 67.7508,
95.3507

424.8233,
452.6126, 566.3001

■ 46.0076, 49.6950,
71.8284

■ 108.0883,
115.9956, 156.7488

■ 32.4565, 35.1711,
52.5325

137.1422,
146.9534, 195.4616

■ 21.8676, 23.7947,
37.0446

170.9851,
182.9806, 240.0751

■ 13.8757, 15.1814,
24.9459

209.9825,
224.4617, 291.0076

■ 8.1154, 8.9468,
15.8181

254.4996,
271.7811, 348.6779

■ 4.2213, 4.7065,
9.2426

304.9019,

■ 1.8281, 2.0761,

325.3231, 413.5043

4.8008

361.5547,
385.4721, 485.9056

■ 0.5345, 0.6511,
2.0742

■ 0.0000, 0.0000,
0.6003

■ 62.8864, 67.7508,
95.3507

■ 62.8864, 67.7508,
95.3507

■ 54.2617, 58.8638,
94.0910

■ 72.7615, 77.6186,
96.7360

■ 46.8261, 50.9137,
92.9484

■ 83.9326, 88.4923,
98.2461

■ 40.5218, 43.8655,
91.9202

■ 92.9829, 98.6188,
99.7237

■ 35.2833, 37.6778,
91.0020

■ 93.3293, 99.3117,
99.8392

■ 31.0380, 32.3055,
90.1888

■ 27.7025, 27.6975,
89.4751

■ 25.1779, 23.7944,
88.8548

■ 23.5763, 21.0257,
88.4048

Harmonies

Analogous

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



59.7444, 67.7508, 89.7388



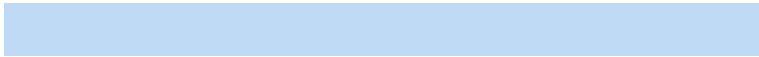
62.8864, 67.7508, 95.3507



66.5524, 67.7508, 94.7936

Triad

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



62.8864, 67.7508, 95.3507



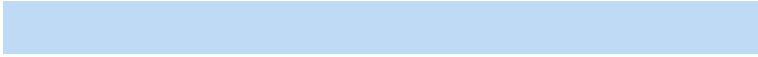
71.3695, 67.7508, 67.8258



59.3185, 67.7508, 60.9406

Complementary

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



62.8864, 67.7508, 95.3507



71.5258, 72.6207, 59.5392

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.



62.2850, 67.7508, 56.1086



62.8864, 67.7508, 95.3507



69.2811, 67.7508, 59.8162

Square

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



62.8864, 67.7508, 95.3507



71.5456, 67.7508, 78.2104



65.9277, 67.7508, 55.7176



57.7377, 67.7508, 69.4992

Rectangle

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



62.8864, 67.7508, 95.3507



68.8010, 67.7508, 91.0000



65.9277, 67.7508, 55.7176



60.1815, 67.7508, 58.8634

Sweetspot

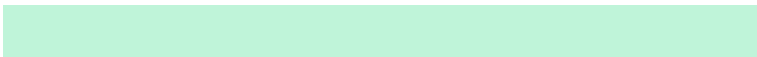
The Sweet Spot groups the original color and five complimentary colors.



62.8885, 67.7536, 95.3522



86.0552, 91.3105, 107.6968



66.3125, 80.7689, 77.4809



18.2606, 19.3895, 23.0301



0.0000, 0.0000, 0.0000



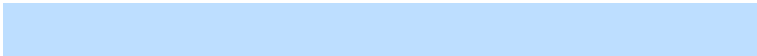
20.3446, 21.4041, 23.3091

Same Dimension

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



62.8885, 67.7536, 95.3522



65.2104, 70.4975, 104.7782



56.6406, 55.2578, 93.2696



16.2792, 17.3226, 21.0282



12.9566, 11.7070, 48.1148



1.2416, 1.2347, 4.2631

Inverse Universe

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



68.5956, 61.5584, 74.5993



72.6222, 62.8259, 77.7429



78.7989, 87.1670, 61.9636



16.8515, 16.6234, 18.9645



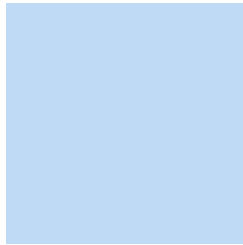
22.3444, 11.2812, 11.7880



2.0158, 1.0123, 1.3095

Previews

White Background



This preview shows how the XYZ color 62.8864, 67.7508, 95.3507 looks on a white background.

Color Contrast Check

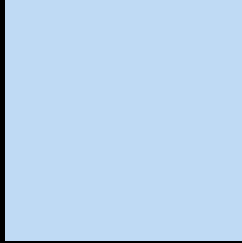
Large Text (above 18pt) WCAG AA × Fail

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 62.8864, 67.7508, 95.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

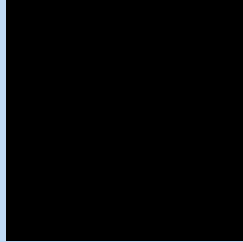
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

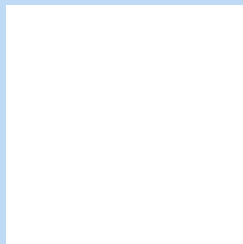
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8864, 67.7508, 95.3507

Background



This preview shows how black text looks on a background with the XYZ color 62.8864, 67.7508, 95.3507.



This preview shows how white text looks on a background with the XYZ color 62.8864, 67.7508,

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

62.8864, 67.7508, 95.3507

Protanopia

66.2498, 67.6410, 92.7834

Deuteranopia

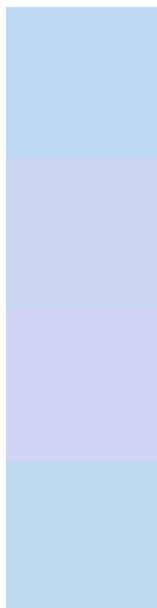
68.9502, 67.4704, 96.5778



Tritanopia

61.8528, 67.7246, 89.9329

Trichromacy



Original Color

62.8864, 67.7508, 95.3507

Protanomaly

64.9561, 67.7082, 93.6498

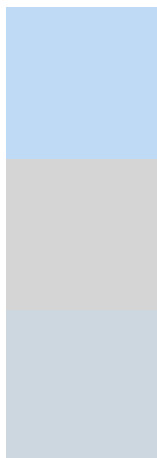
Deuteranomaly

66.3194, 67.2348, 95.8684

Tritanomaly

62.2949, 67.9015, 92.2611

Monochromacy



Original Color

62.8864, 67.7508, 95.3507

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.9318, 66.9618, 80.1291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8864, 67.7508, 95.3507 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(191, 218, 244)` looks like.

```
.text, #text, p{  
    color:rgb(191, 218, 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(191, 218, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 218, 244) }
```

Border

The CSS property to change the border of an element to XYZ 62.8864, 67.7508, 95.3507 is called "border". The border property can be set on classes, ids or directly on the HTML element.

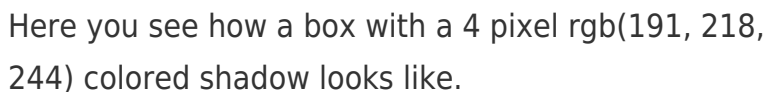
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 218, 244) }
```


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

```
.border{ border-color:rgb(191, 218, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 218, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 218, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 218, 244); box-shadow:4px 4px 4px 4px rgb(191, 218, 244) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8864, 67.7508, 95.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 218, 244) }
```

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

```
.background{ background-color: rgb(191,  
218, 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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