

Converting Colors

XYZ(64.2907, 66.5079, 98.2558)

Have a look what the booklet for
XYZ(64.2907, 66.5079, 98.2558)
contains.

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Color

**XYZ(64.2907, 66.5079,
98.2558)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D5F8
RGB	199, 213, 248
RGB Percent	78%, 84%, 97%
CMY	0.2196, 0.1647, 0.0274
CMYK	0.20, 0.14, 0.00, 0.03
HSL	223°, 78%, 88%
HSV	223°, 20%, 97%
XYZ	64.2907, 66.5079, 98.2558
YIQ	212.8040, -19.5790, 7.9170

Conversions

Conversions Part 2

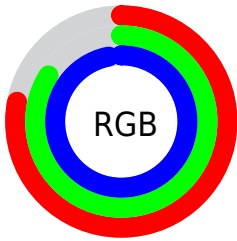
Format	Color
R _{YB}	199, 210, 248
Decimal	13096440
CIE Lab	85.25, 2.46, -18.69
CIE LCh	85, 18.854, 277.511
Yxy	66.5079, 0.2807, 0.2904
Android (android.graphics.Color)	4291286520 (0xFFC7D5F8)
YUV	212.8040, 17.3516, -12.1061
Hunter-Lab	81.5524, -1.9986, -14.3470

Details

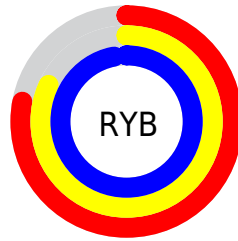
The XYZ color **64.2907, 66.5079, 98.2558** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.4437, 82.9257, 65.9063**, and the grayscale version is **63.0137, 66.2953, 72.1956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4183, 34.2792, 54.7244** is the 20% darker color. If you saturate the color by 10%, you get **54.0246, 54.9602, 96.5690**, and if you desaturate by 10%, it is **76.1198, 79.5871, 100.1580**.

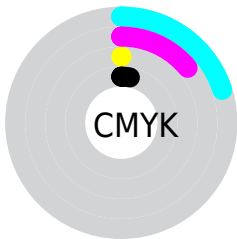
Distribution



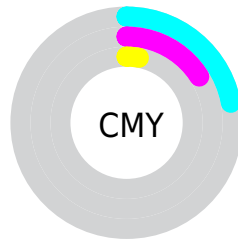
- Red (78%)
- Green (84%)
- Blue (97%)



- Red (78%)
- Yellow (82%)
- Blue (97%)



- Cyan (20%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (22%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2907, 66.5079, 98.2558 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 64.2907, 66.5079, 98.2558 by changing the saturation by 10% instead.

■ 64.2907, 66.5079,
98.2558

■ 64.2907, 66.5079,
98.2558

429.8243,
448.1911, 575.7848

■ 47.1487, 48.6848,
74.2359

110.1009,
114.2150, 160.7891

■ 33.3617, 34.3695,
54.4892

139.4998,
144.8678, 200.1396

■ 22.5642, 23.1776,
38.5971

173.7151,
180.5660, 245.4374

■ 14.3910, 14.7247,
26.1410

213.1121,
221.6939, 297.1011

■ 8.4766, 8.6264,
16.7024

258.0561,
268.6360, 355.5491

■ 4.4558, 4.4983,
9.8629

308.9126,

■ 1.9631, 1.9560,

321.7766, 421.2000

5.2037

366.0469,
381.5002, 494.4724

■ 0.6131, 0.5817,
2.3065

■ 0.0000, 0.0000,
0.7348

■ 64.2907, 66.5079,
98.2558

■ 64.2907, 66.5079,
98.2558

■ 54.0246, 54.9602,
96.5690

■ 76.1198, 79.5871,
100.1580

■ 45.2480, 44.8780,
95.0855

■ 89.5691, 94.2444,
102.2782

■ 37.8903, 36.2022,
93.7988

■ 93.9435, 99.5574,
103.0732

■ 31.8727, 28.8665,
92.7000

■ 27.1080, 22.7987,
91.7799

■ 23.4979, 17.9188,
91.0283

■ 20.9277, 14.1359,
90.4336

■ 19.2233, 11.3258,
89.9810

■ 19.1884, 11.2672,
89.9715

Harmonies

Analogous

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



60.1317, 66.5079, 96.3286



64.2907, 66.5079, 98.2558



68.3345, 66.5079, 92.6665

Triad

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



64.2907, 66.5079, 98.2558



69.9373, 66.5079, 59.0484



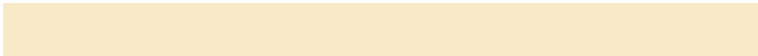
55.9426, 66.5079, 63.8071

Complementary

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



64.2907, 66.5079, 98.2558



78.4437, 82.9257, 65.9063

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.



58.3555, 66.5079, 55.3538



64.2907, 66.5079, 98.2558



66.3994, 66.5079, 52.8292

Square

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



64.2907, 66.5079, 98.2558



71.6885, 66.5079, 69.3920



62.1489, 66.5079, 51.5568



55.4347, 66.5079, 75.5262

Rectangle

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



64.2907, 66.5079, 98.2558



70.3787, 66.5079, 85.7632



62.1489, 66.5079, 51.5568



56.5524, 66.5079, 60.5305

Sweetspot

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



64.2927, 66.5106, 98.2573



86.2558, 90.4376, 107.5178



71.8728, 85.1786, 89.9700



18.2656, 19.1426, 22.9821



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.



64.2927, 66.5106, 98.2573



63.6128, 65.3949, 103.8775



63.6061, 61.1519, 97.2592



16.6870, 17.4507, 21.8741



10.4683, 6.2923, 48.6363



1.0558, 0.7553, 4.5333

Inverse Universe

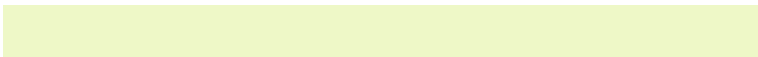
The Inverse Universe completely reimagines the original color for something new.



71.1467, 65.6091, 71.8677



72.2814, 64.4722, 70.4526



79.2046, 89.4714, 67.1296



17.4485, 17.3068, 18.9517



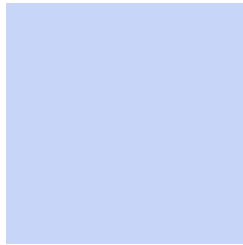
21.5760, 11.0461, 4.4755



2.0418, 1.0405, 0.6438

Previews

White Background



This preview shows how the XYZ color 64.2907, 66.5079, 98.2558 looks on a white background.

Color Contrast Check

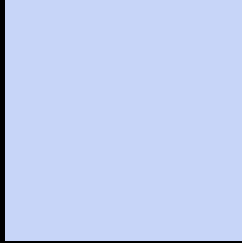
Large Text (above 18pt) WCAG AA × Fail

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 64.2907, 66.5079, 98.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

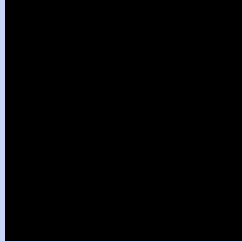
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2907, 66.5079, 98.2558

Background



This preview shows how black text looks on a background with the XYZ color 64.2907, 66.5079, 98.2558.



This preview shows how white text looks on a background with the XYZ color 64.2907, 66.5079,

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

64.2907, 66.5079, 98.2558

Protanopia

65.5364, 66.4257, 97.3630

Deuteranopia

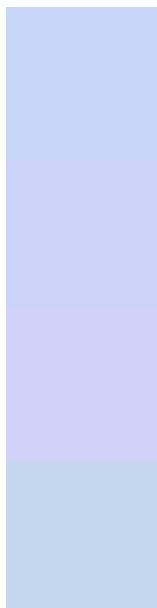
67.9737, 66.5502, 98.8854



Tritanopia

62.0288, 66.7307, 86.7018

Trichromacy



Original Color

64.2907, 66.5079, 98.2558

Protanomaly

64.9606, 66.4989, 97.4075

Deuteranomaly

66.7238, 66.6344, 98.9675

Tritanomaly

62.7590, 66.6442, 90.4448

Monochromacy



Original Color

64.2907, 66.5079, 98.2558

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.5341, 66.4894, 81.4366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2907, 66.5079, 98.2558 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(199, 213, 248)` looks like.

```
.text, #text, p{  
    color:rgb(199, 213, 248)  
}
```

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(199, 213, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 213, 248) }
```

Border

The CSS property to change the border of an element to XYZ 64.2907, 66.5079, 98.2558 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(199, 213, 248) }
```


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

```
.border{ border-color:rgb(199, 213, 248) }
```

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

Here you see how a box with a 4 pixel rgb(199, 213, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 213, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 213, 248);  
box-shadow:4px 4px 4px 4px rgb(199, 213,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2907, 66.5079, 98.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 213, 248) }
```

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

```
.background{ background-color: rgb(199,  
213, 248) }
```

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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