

Converting Colors

XYZ(58.4841, 74.4153, 66.6870)

Have a look what the booklet for
XYZ(58.4841, 74.4153, 66.6870)
contains.

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Color

**XYZ(58.3507, 74.2504,
66.5147)**

Conversions

Conversions Part 1

Format	Color
Hex	ADEEC9
RGB	173, 238, 201
RGB Percent	68%, 93%, 79%
CMY	0.3216, 0.0666, 0.2118
CMYK	0.27, 0.00, 0.16, 0.07
HSL	146°, 66%, 81%
HSV	146°, 27%, 93%
XYZ	58.3507, 74.2504, 66.5147
YIQ	214.3470, -26.8630, -25.2870

Conversions

Conversions Part 2

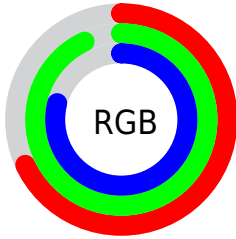
Format	Color
R _{YB}	173, 218, 238
Decimal	11398857
CIE Lab	89.04, -27.81, 11.40
CIE LCh	89, 30.058, 157.703
Yxy	74.2504, 0.2930, 0.3729
Android (android.graphics.Color)	4289588937 (0xFFAEEEC9)
YUV	214.3470, -6.5801, -36.2613
Hunter-Lab	86.1687, -29.9206, 14.5514

Details

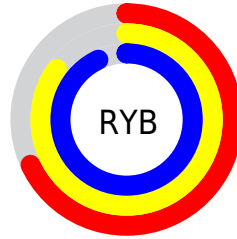
The XYZ color **58.3507, 74.2504, 66.5147** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.8388, 52.7191, 67.8923**, and the grayscale version is **64.2078, 67.5516, 73.5637**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **29.6022, 39.4844, 33.6648** is the 20% darker color. If you saturate the color by 10%, you get **52.0254, 71.1677, 58.2634**, and if you desaturate by 10%, it is **65.7581, 77.8788, 75.5537**.

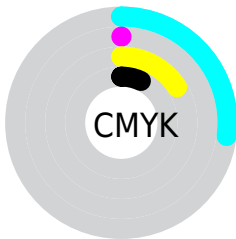
Distribution



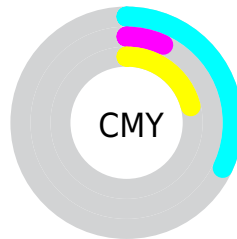
- Red (68%)
- Green (93%)
- Blue (79%)



- Red (68%)
- Yellow (85%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (16%)
- Black (7%)




- Cyan (32%)
- Magenta (7%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3507, 74.2504, 66.5147 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 58.3507, 74.2504, 66.5147 by changing the saturation by 10% instead.


 58.3507, 74.2504,
66.5147

 58.3507, 74.2504,
66.5147


408.4243,
475.3371, 466.6698

 42.3350, 54.9990,
48.2312


 101.5534,
125.2507, 115.8588

 29.5560, 39.4009,
33.6487


129.4712,
157.7684, 147.7565

 19.6482, 27.0718,
22.3487


162.0870,
195.4770, 185.0293

 12.2463, 17.6271,
13.9126

199.7662,
238.7609, 228.0959

 6.9851, 10.6826,
7.9218

242.8741,
288.0044, 277.3746

 3.4990, 5.8538,
3.9579


291.7763,

 1.4228, 2.7564,


343.5921, 333.2842


1.6023


346.8379,
405.9082, 396.2430


 0.2724, 1.0059,
0.2924


 0.0000, 0.0000,
0.0000


 58.3507, 74.2504,
66.5147


 58.3507, 74.2504,
66.5147

 52.0254, 71.1677,
58.2634


 65.7581, 77.8788,
75.5537


 46.7228, 68.5944,
50.7734

 74.2912, 82.0687,
85.3959

 42.3867, 66.5040,
44.0241

 83.9982, 86.8468,
96.0626

 38.9529, 64.8638,
37.9919

 89.8660, 89.6319,
107.1720

■ 36.3489, 63.6368,
32.6520

■ 34.4899, 62.7800,
27.9777

■ 33.2661, 62.2372,
23.9399

■ 33.0002, 62.1216,
22.9577

Harmonies

Analogous

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



62.3212, 74.2504, 52.9965



58.3507, 74.2504, 66.5147



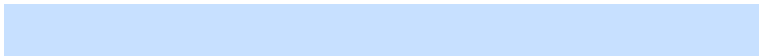
57.5404, 74.2504, 86.3622

Triad

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



58.3507, 74.2504, 66.5147



72.4734, 74.2504, 127.6573



82.2878, 74.2504, 58.6425

Complementary

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



58.3507, 74.2504, 66.5147



61.8388, 52.7191, 67.8923

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.



85.4379, 74.2504, 75.5700



58.3507, 74.2504, 66.5147



79.5223, 74.2504, 117.0600

Square

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



58.3507, 74.2504, 66.5147



65.3731, 74.2504, 124.1019



84.3924, 74.2504, 97.1009



76.0411, 74.2504, 49.0285

Rectangle

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



58.3507, 74.2504, 66.5147



58.8456, 74.2504, 101.0403



84.3924, 74.2504, 97.1009



83.7629, 74.2504, 63.5395

Sweetspot

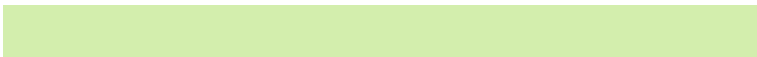
The Sweet Spot groups the original color and five complimentary colors.



58.3527, 74.2535, 66.5164



86.1253, 95.6087, 99.0161



64.9600, 78.0062, 51.1689



18.0964, 20.2981, 20.8106



0.0000, 0.0000, 0.0000



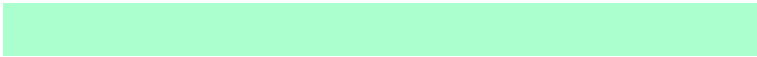
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3527, 74.2535, 66.5164



63.7964, 84.6709, 72.0749



62.4591, 75.8960, 88.1400



15.8486, 17.7695, 18.2255



18.4719, 34.6808, 13.1341



1.5856, 2.9047, 1.3503

Inverse Universe

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



61.8388, 52.7191, 67.8923



68.5282, 55.4306, 73.9342



58.2834, 51.2969, 49.1695



16.1498, 15.9096, 18.3452



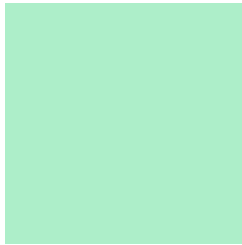
22.1963, 11.1510, 14.2164



1.8963, 0.9476, 1.4448

Previews

White Background



This preview shows how the XYZ color 58.3507, 74.2504, 66.5147 looks on a white background.

Color Contrast Check

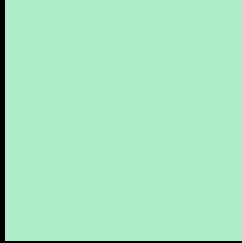
Large Text (above 18pt) WCAG AA × Fail

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 58.3507, 74.2504, 66.5147 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

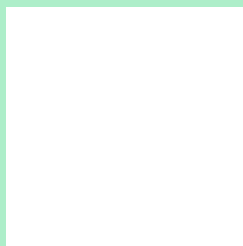
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3507, 74.2504, 66.5147

Background



This preview shows how black text looks on a background with the XYZ color 58.3507, 74.2504, 66.5147.



This preview shows how white text looks on a background with the XYZ color 58.3507, 74.2504,

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

58.3507, 74.2504, 66.5147

Protanopia

69.6786, 73.5852, 60.9830

Deuteranopia

75.2247, 73.5663, 68.6275



Tritanopia

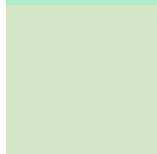
65.3597, 74.1212, 101.3045

Trichromacy



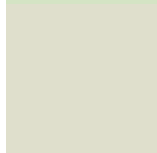
Original Color

58.3507, 74.2504, 66.5147



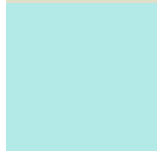
Protanomaly

64.8586, 73.4694, 62.9871



Deuteranomaly

67.7182, 72.8230, 67.6138



Tritanomaly

62.5787, 74.2555, 87.3784

Monochromacy



Original Color

58.3507, 74.2504, 66.5147



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

61.4495, 69.5209, 70.5017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3507, 74.2504, 66.5147 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(173, 238, 201)` looks like.

```
.text, #text, p{  
    color:rgb(173, 238, 201)  
}
```

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(173, 238, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 238, 201) }
```

Border

The CSS property to change the border of an element to XYZ 58.3507, 74.2504, 66.5147 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(173, 238, 201) }
```


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

```
.border{ border-color:rgb(173, 238, 201) }
```

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

Here you see how a box with a 4 pixel rgb(173, 238, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 238, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 238, 201);  
box-shadow:4px 4px 4px 4px rgb(173, 238,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3507, 74.2504, 66.5147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 238, 201) }
```

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

```
.background{ background-color: rgb(173,  
238, 201) }
```

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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