

Converting Colors

XYZ(58.2676, 75.0251, 72.3460)

Have a look what the booklet for
XYZ(58.2676, 75.0251, 72.3460)
contains.

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Color

**XYZ(58.3100, 74.9727,
72.3707)**

Conversions

Conversions Part 1

Format	Color
Hex	A5F0D2
RGB	165, 240, 210
RGB Percent	65%, 94%, 82%
CMY	0.3529, 0.0588, 0.1765
CMYK	0.31, 0.00, 0.13, 0.06
HSL	156°, 71%, 79%
HSV	156°, 31%, 94%
XYZ	58.3100, 74.9727, 72.3707
YIQ	214.1550, -35.0700, -25.2300

Conversions

Conversions Part 2

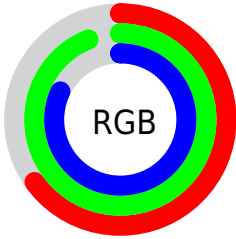
Format	Color
RYB	165, 212, 240
Decimal	10875090
CIELab	89.38, -29.37, 7.15
CIELCh	89, 30.230, 166.321
Yxy	74.9727, 0.2835, 0.3646
Android (android.graphics.Color)	4289065170 (0xFFA5F0D2)
YUV	214.1550, -2.0484, -43.1089
Hunter-Lab	86.5868, -31.3199, 11.0552

Details

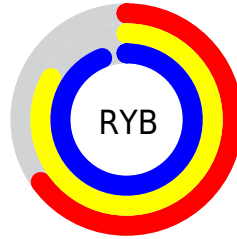
The XYZ color **58.3100, 74.9727, 72.3707** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.2432, 49.3775, 58.0411**, and the grayscale version is **64.0528, 67.3886, 73.3861**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **29.6968, 40.0608, 37.6198** is the 20% darker color. If you saturate the color by 10%, you get **52.6186, 72.1748, 66.0475**, and if you desaturate by 10%, it is **65.0141, 78.2884, 79.1191**.

Distribution



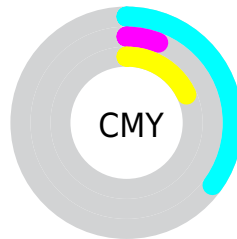
- Red (65%)
- Green (94%)
- Blue (82%)



- Red (65%)
- Yellow (83%)
- Blue (94%)



- Cyan (31%)
- Magenta (0%)
- Yellow (13%)
- Black (6%)





- Cyan (35%)
- Magenta (6%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3100, 74.9727, 72.3707 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 58.3100, 74.9727, 72.3707 by changing the saturation by 10% instead.


 58.3100, 74.9727,
72.3707


 58.3100, 74.9727,
72.3707


408.2753,
477.8237, 487.8430

 42.3021, 55.5905,
52.9729


 101.4945,
126.2737, 124.2960

 29.5301, 39.8747,
37.3935


 129.4019,
158.9613, 157.6606

 19.6285, 27.4409,
25.2142


162.0065,
196.8529, 196.5179

 12.2320, 17.9046,
16.0162

199.6737,
240.3328, 241.2863

 6.9752, 10.8815,
9.3811

242.7688,
289.7855, 292.3845

 3.4928, 5.9872,
4.8904


291.6572,

 1.4194, 2.8373,


345.5952, 350.2310


2.1255


346.7043,
408.1465, 415.2443


 0.2700, 1.0474,
0.6309


 0.0000, 0.0000,
0.0000


 58.3100, 74.9727,
72.3707


 58.3100, 74.9727,
72.3707

 52.6186, 72.1748,
66.0475


 65.0141, 78.2884,
79.1191


 47.8798, 69.8578,
60.1355

 72.7743, 82.1381,
86.2964

 44.0367, 67.9946,
54.6268

 81.6388, 86.5485,
93.9125

 41.0237, 66.5514,
49.5115

 89.4077, 90.3854,
101.8706

■ 38.7651, 65.4894,
44.7791

■ 90.4515, 90.8030,
107.3672

■ 37.1708, 64.7624,
40.4179

■ 36.1953, 64.3365,
36.8948

Harmonies

Analogous

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



61.4570, 74.9727, 56.6018



58.3100, 74.9727, 72.3707



58.4586, 74.9727, 93.6266

Triad

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



58.3100, 74.9727, 72.3707



75.3327, 74.9727, 127.3136



81.5437, 74.9727, 55.5676

Complementary

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



58.3100, 74.9727, 72.3707



59.2432, 49.3775, 58.0411

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.



85.8042, 74.9727, 70.7092



58.3100, 74.9727, 72.3707



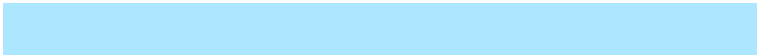
82.0521, 74.9727, 113.1303

Square

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



58.3100, 74.9727, 72.3707



67.9474, 74.9727, 127.9686



85.9965, 74.9727, 91.6526



74.6771, 74.9727, 48.0972

Rectangle

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



58.3100, 74.9727, 72.3707



60.3997, 74.9727, 108.2235



85.9965, 74.9727, 91.6526



83.3483, 74.9727, 59.7984

Sweetspot

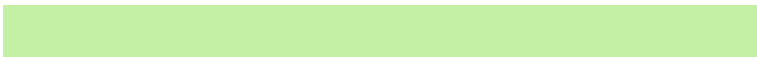
The Sweet Spot groups the original color and five complimentary colors.



58.3121, 74.9758, 72.3724



85.6618, 95.3269, 100.9286



60.7841, 76.8094, 47.2204



18.0315, 20.2529, 21.3354



0.0000, 0.0000, 0.0000



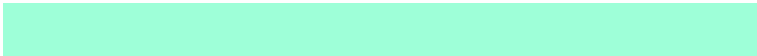
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3121, 74.9758, 72.3724



62.3057, 83.7694, 78.0122



60.5994, 72.9971, 93.3377



15.9641, 17.8157, 18.8338



19.8805, 35.2442, 20.5513



1.7029, 2.9516, 1.9676

Inverse Universe

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



59.2432, 49.3775, 58.0411



63.5462, 49.7728, 58.9985



57.3392, 50.4641, 42.3168



16.0348, 15.8636, 17.7393



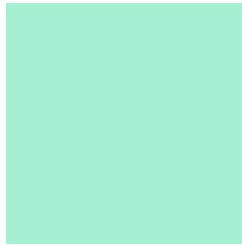
20.8889, 10.6280, 7.3313



1.7856, 0.9033, 0.8618

Previews

White Background



This preview shows how the XYZ color 58.3100, 74.9727, 72.3707 looks on a white background.

Color Contrast Check

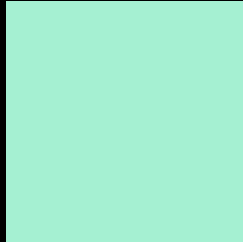
Large Text (above 18pt) WCAG AA × Fail

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 58.3100, 74.9727, 72.3707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

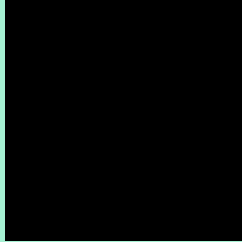
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

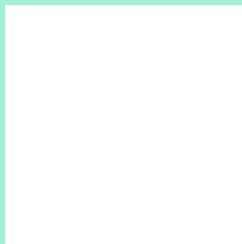
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3100, 74.9727, 72.3707

Background



This preview shows how black text looks on a background with the XYZ color 58.3100, 74.9727, 72.3707.

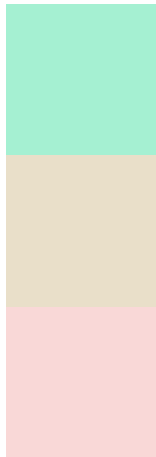


This preview shows how white text looks on a background with the XYZ color 58.3100, 74.9727,

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

58.3100, 74.9727, 72.3707

Protanopia

70.5346, 74.3160, 65.8852

Deuteranopia

75.8885, 74.1578, 74.6041



Tritanopia

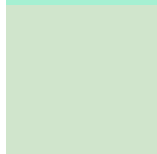
64.6080, 74.9362, 103.9874

Trichromacy



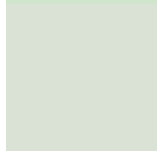
Original Color

58.3100, 74.9727, 72.3707



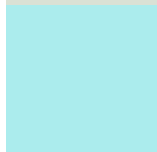
Protanomaly

64.9308, 73.8082, 67.9509



Deuteranomaly

67.8489, 73.5599, 73.5733



Tritanomaly

62.0761, 74.7633, 91.2798

Monochromacy



Original Color

58.3100, 74.9727, 72.3707



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

61.1629, 69.3152, 73.1063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3100, 74.9727, 72.3707 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(165, 240, 210)` looks like.

```
.text, #text, p{  
    color:rgb(165, 240, 210)  
}
```

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(165, 240, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 240, 210) }
```

Border

The CSS property to change the border of an element to XYZ 58.3100, 74.9727, 72.3707 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(165, 240, 210) }
```


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

```
.border{ border-color:rgb(165, 240, 210) }
```

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

Here you see how a box with a 4 pixel rgb(165, 240, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 240, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 240, 210);  
box-shadow:4px 4px 4px 4px rgb(165, 240,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3100, 74.9727, 72.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 240, 210) }
```

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

```
.background{ background-color: rgb(165,  
240, 210) }
```

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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