

Converting Colors

XYZ(59.5061, 70.6221, 74.9619)

Have a look what the booklet for
XYZ(59.5061, 70.6221, 74.9619)
contains.

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Color

**XYZ(59.3005, 70.3382,
74.7411)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E4D7
RGB	182, 228, 215
RGB Percent	71%, 89%, 84%
CMY	0.2863, 0.1059, 0.1569
CMYK	0.20, 0.00, 0.06, 0.11
HSL	163°, 46%, 80%
HSV	163°, 20%, 89%
XYZ	59.3005, 70.3382, 74.7411
YIQ	212.7640, -23.2430, -13.7950

Conversions

Conversions Part 2

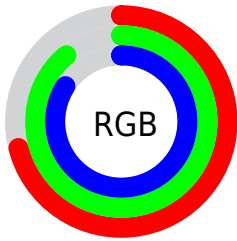
Format	Color
RYB	182, 209, 228
Decimal	11986135
CIELab	87.16, -17.42, 1.44
CIElCh	87, 17.481, 175.274
Yxy	70.3382, 0.2901, 0.3442
Android (android.graphics.Color)	4290176215 (0xFFB6E4D7)
YUV	212.7640, 1.1023, -26.9800
Hunter-Lab	83.8679, -20.5567, 5.8696

Details

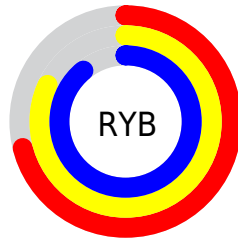
The XYZ color **59.3005, 70.3382, 74.7411** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.5756, 53.8917, 58.9476**, and the grayscale version is **63.0938, 66.3795, 72.2873**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **29.9998, 36.6323, 38.7473** is the 20% darker color. If you saturate the color by 10%, you get **53.5366, 67.4625, 70.2342**, and if you desaturate by 10%, it is **65.9778, 73.6848, 79.4640**.

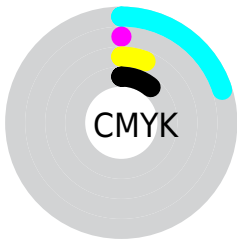
Distribution



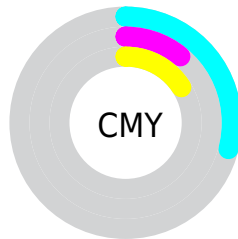
- Red (71%)
- Green (89%)
- Blue (84%)



- Red (71%)
- Yellow (82%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3005, 70.3382, 74.7411 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 59.3005, 70.3382, 74.7411 by changing the saturation by 10% instead.

■ 59.3005, 70.3382,
74.7411

■ 59.3005, 70.3382,
74.7411

411.8908,
461.7366, 496.2589

■ 43.1024, 51.8023,
54.9004

■ 102.9264,
119.6909, 127.6895

■ 30.1603, 36.8475,
38.9239

131.0849,
151.2765, 161.6343

■ 20.1090, 25.0895,
26.3931

163.9609,
187.9808, 201.1175

■ 12.5830, 16.1437,
16.8896

201.9197,
230.1882, 246.5577

■ 7.2171, 9.6259,
9.9947

245.3268,
278.2831, 298.3734

■ 3.6457, 5.1516,
5.2899

294.5474,

■ 1.5037, 2.3365,

332.6499, 356.9831

2.3566

349.9470,
393.6729, 422.8054

■ 0.3284, 0.7929,
0.7627

■ 0.0000, 0.0000,
0.0000

■ 59.3005, 70.3382,
74.7411

■ 59.3005, 70.3382,
74.7411

■ 53.5366, 67.4625,
70.2342

■ 65.9778, 73.6848,
79.4640

■ 48.6372, 65.0269,
65.9347

■ 73.6022, 77.5139,
84.4020

■ 44.5582, 63.0105,
61.8400

■ 82.2133, 81.8478,
89.5603

■ 41.2489, 61.3872,
57.9457

■ 84.8292, 83.0872,
94.6139

■ 38.6527, 60.1280,
54.2472

■ 85.8080, 83.4788,
99.7686

■ 36.7051, 59.1996,
50.7394

■ 86.8213, 83.8841,
105.1045

■ 35.3296, 58.5626,
47.4164

■ 87.0347, 83.9694,
106.2282

■ 34.4056, 58.1538,
44.3241

Harmonies

Analogous

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



60.5813, 70.3382, 64.4301



59.3005, 70.3382, 74.7411



59.9751, 70.3382, 86.6374

Triad

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



59.3005, 70.3382, 74.7411



70.2775, 70.3382, 98.8738



71.4470, 70.3382, 59.4863

Complementary

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



59.3005, 70.3382, 74.7411



58.5756, 53.8917, 58.9476

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.



74.2405, 70.3382, 67.3444



59.3005, 70.3382, 74.7411



73.5462, 70.3382, 90.1828

Square

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



59.3005, 70.3382, 74.7411



66.2069, 70.3382, 101.3662



75.0239, 70.3382, 78.4617



67.5060, 70.3382, 56.2147

Rectangle

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



59.3005, 70.3382, 74.7411



61.4580, 70.3382, 93.7758



75.0239, 70.3382, 78.4617



72.5577, 70.3382, 61.6373

Sweetspot

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



59.3025, 70.3411, 74.7427



88.9548, 96.9374, 105.0210



58.7034, 70.4738, 54.7657



18.9039, 20.6802, 22.3898



0.0000, 0.0000, 0.0000



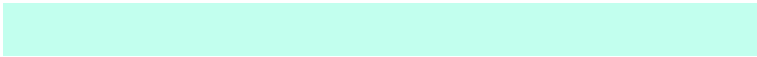
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3025, 70.3411, 74.7427



73.3456, 89.1184, 93.9948



58.3772, 65.7092, 83.0086



14.6246, 16.2633, 17.5539



19.9193, 33.5998, 25.8733



1.5113, 2.4986, 2.1189

Inverse Universe

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



58.5756, 53.8917, 58.9476



72.2576, 64.4627, 70.3271



59.2830, 57.5579, 52.2422



14.5436, 14.4346, 15.7971



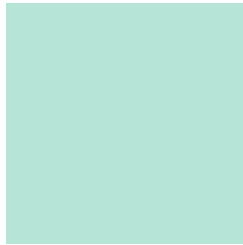
19.0606, 9.7585, 3.9483



1.4474, 0.7367, 0.4963

Previews

White Background



This preview shows how the XYZ color 59.3005, 70.3382, 74.7411 looks on a white background.

Color Contrast Check

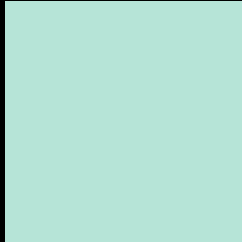
Large Text (above 18pt) WCAG AA × Fail

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 59.3005, 70.3382, 74.7411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

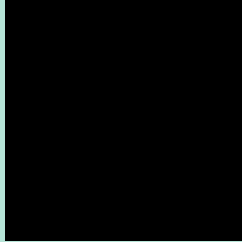
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

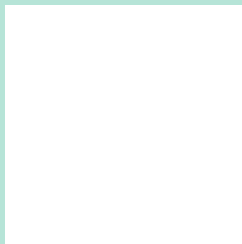
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3005, 70.3382, 74.7411

Background



This preview shows how black text looks on a background with the XYZ color 59.3005, 70.3382, 74.7411.

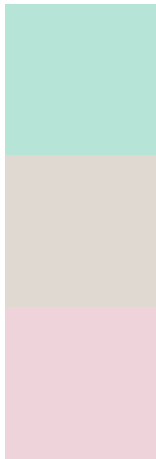


This preview shows how white text looks on a background with the XYZ color 59.3005, 70.3382,

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

59.3005, 70.3382, 74.7411

Protanopia

67.0619, 70.0765, 70.3132

Deuteranopia

71.3403, 69.8801, 76.7460



Tritanopia

63.1762, 70.2869, 94.2414

Trichromacy



Original Color

59.3005, 70.3382, 74.7411

Protanomaly

63.9088, 69.9714, 71.7655

Deuteranomaly

66.3812, 69.5931, 76.2638

Tritanomaly

61.4983, 69.9909, 86.6122

Monochromacy



Original Color

59.3005, 70.3382, 74.7411

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.5661, 67.5544, 73.4128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3005, 70.3382, 74.7411 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, 228, 215)` looks like.

```
.text, #text, p{  
    color:rgb(182, 228, 215)  
}
```

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, 228, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 228, 215) }
```

Border

The CSS property to change the border of an element to XYZ 59.3005, 70.3382, 74.7411 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, 228, 215) }
```


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

```
.border{ border-color:rgb(182, 228, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 228, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 228, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 228, 215);  
box-shadow:4px 4px 4px 4px rgb(182, 228,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3005, 70.3382, 74.7411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 228, 215) }
```

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

```
.background{ background-color: rgb(182,  
228, 215) }
```

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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