

Converting Colors

XYZ(59.0331, 75.9037, 72.4369)

Have a look what the booklet for
XYZ(59.0331, 75.9037, 72.4369)
contains.

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Color

**XYZ(59.0245, 75.7792,
72.4887)**

Conversions

Conversions Part 1

Format	Color
Hex	A7F1D2
RGB	167, 241, 210
RGB Percent	65%, 95%, 82%
CMY	0.3451, 0.0549, 0.1765
CMYK	0.31, 0.00, 0.13, 0.05
HSL	155°, 73%, 80%
HSV	155°, 31%, 95%
XYZ	59.0245, 75.7792, 72.4887
YIQ	215.3400, -34.1530, -25.3290

Conversions

Conversions Part 2

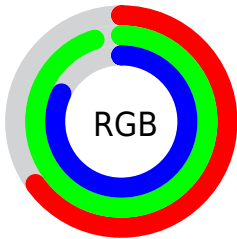
Format	Color
RYB	167, 214, 241
Decimal	11006418
CIELab	89.76, -29.27, 7.70
CIELCh	90, 30.264, 165.254
Yxy	75.7792, 0.2847, 0.3656
Android (android.graphics.Color)	4289196498 (0xFFA7F1D2)
YUV	215.3400, -2.6326, -42.3942
Hunter-Lab	87.0512, -31.3090, 11.5643

Details

The XYZ color **59.0245, 75.7792, 72.4887** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.2900, 50.4173, 59.9830**, and the grayscale version is **64.8573, 68.2349, 74.3078**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **30.1598, 40.6089, 37.7012** is the 20% darker color. If you saturate the color by 10%, you get **53.1816, 72.9099, 65.8555**, and if you desaturate by 10%, it is **65.8997, 79.1756, 79.5878**.

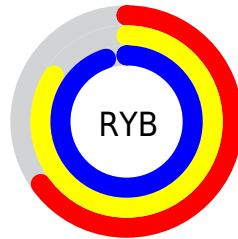
Distribution



Red (65%)

Green (95%)

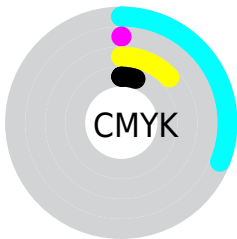
Blue (82%)



Red (65%)

Yellow (84%)

Blue (95%)

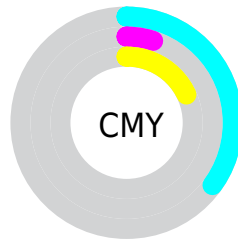


Cyan (31%)

Magenta (0%)

Yellow (13%)

Black (5%)



Cyan (35%)


Magenta (5%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0245, 75.7792, 72.4887 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 59.0245, 75.7792, 72.4887 by changing the saturation by 10% instead.


 59.0245, 75.7792,
72.4887


 59.0245, 75.7792,
72.4887

410.8853,
480.5915, 488.2640

 42.8793, 56.2515,
53.0687


 102.5277,
127.4147, 124.4653

 29.9845, 40.4046,
37.4695


 130.6164,
160.2914, 157.8589

 19.9749, 27.8541,
25.2726


163.4170,
198.3864, 196.7475

 12.4849, 18.2157,
16.0594

201.2947,
242.0842, 241.5496

 7.1494, 11.1050,
9.4114

244.6151,
291.7692, 292.6838

 3.6029, 6.1375,
4.9100


293.7434,


 1.4800, 2.9289,


347.8259, 350.5686


2.1367


349.0450,
410.6385, 415.6224


 0.3122, 1.0947,
0.6375


 0.0000, 0.0000,
0.0000


 59.0245, 75.7792,
72.4887


 59.0245, 75.7792,
72.4887


 53.1816, 72.9099,
65.8555


 65.8997, 79.1756,
79.5878


 48.3105, 70.5306,
59.6730

 73.8511, 83.1153,
87.1573

 44.3538, 68.6138,
53.9323

 82.9275, 87.6256,
95.2084

 41.2453, 67.1256,
48.6222

 90.0130, 91.0999,
103.6023

■ 38.9091, 66.0271,
43.7310

■ 90.7467, 91.3933,
107.4656

■ 37.2550, 65.2719,
39.2457

■ 36.1930, 64.8079,
35.4270

Harmonies

Analogous

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



62.3101, 75.7792, 56.8363



59.0245, 75.7792, 72.4887



59.0533, 75.7792, 93.7986

Triad

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



59.0245, 75.7792, 72.4887



75.8664, 75.7792, 128.8335



82.6040, 75.7792, 56.6358

Complementary

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



59.0245, 75.7792, 72.4887



60.2900, 50.4173, 59.9830

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.



86.7714, 75.7792, 72.1667



59.0245, 75.7792, 72.4887



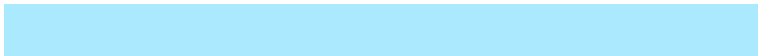
82.7025, 75.7792, 114.9437

Square

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



59.0245, 75.7792, 72.4887



68.4357, 75.7792, 128.9603



86.8086, 75.7792, 93.4162



75.7394, 75.7792, 48.8155

Rectangle

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



59.0245, 75.7792, 72.4887



60.9349, 75.7792, 108.5689



86.8086, 75.7792, 93.4162



84.3870, 75.7792, 60.9960

Sweetspot

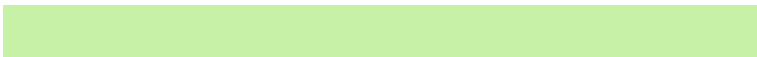
The Sweet Spot groups the original color and five complimentary colors.



59.0266, 75.7823, 72.4904



85.5953, 95.3003, 100.5783



62.0037, 77.8551, 48.3200



18.0151, 20.2464, 21.2490



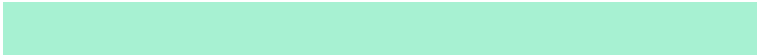
0.0000, 0.0000, 0.0000



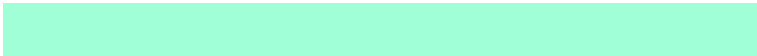
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0266, 75.7823, 72.4904



62.7141, 83.9914, 77.5155



61.8307, 74.5988, 94.3629



15.9511, 17.8104, 18.7652



19.6947, 35.1699, 19.5728



1.6879, 2.9456, 1.8890

Inverse Universe

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



60.2900, 50.4173, 59.9830



64.3699, 50.8060, 61.1662



57.9928, 50.9723, 43.3424



16.0475, 15.8687, 17.8063



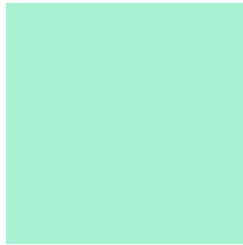
21.0081, 10.6757, 7.9594



1.7962, 0.9075, 0.9178

Previews

White Background



This preview shows how the XYZ color 59.0245, 75.7792, 72.4887 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 59.0245, 75.7792, 72.4887 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 59.0245, 75.7792, 72.4887

Background



This preview shows how black text looks on a background with the XYZ color 59.0245, 75.7792, 72.4887.



This preview shows how white text looks on a background with the XYZ color 59.0245, 75.7792,

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

59.0245, 75.7792, 72.4887

Protanopia

71.1300, 75.0208, 65.9898

Deuteranopia

76.5029, 74.8560, 74.7065



Tritanopia

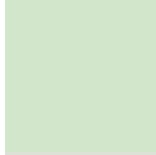
65.5022, 75.8025, 104.9449

Trichromacy



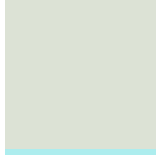
Original Color

59.0245, 75.7792, 72.4887



Protanomaly

65.7742, 74.6549, 68.0699



Deuteranomaly

68.7218, 74.4125, 73.6918



Tritanomaly

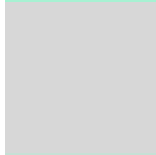
62.9504, 75.6257, 92.1683

Monochromacy



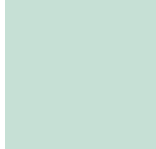
Original Color

59.0245, 75.7792, 72.4887



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.9546, 70.1212, 73.2202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0245, 75.7792, 72.4887 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(167, 241, 210)` looks like.

```
.text, #text, p{  
    color:rgb(167, 241, 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(167, 241, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 241, 210) }
```

Border

The CSS property to change the border of an element to XYZ 59.0245, 75.7792, 72.4887 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(167, 241, 210) }
```


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

```
.border{ border-color:rgb(167, 241, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 241, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 241, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 241, 210);  
box-shadow:4px 4px 4px 4px rgb(167, 241,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0245, 75.7792, 72.4887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 241, 210) }
```

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

```
.background{ background-color: rgb(167,  
241, 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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