

Converting Colors

XYZ(59.7765, 69.4776, 72.6159)

Have a look what the booklet for
XYZ(59.7765, 69.4776, 72.6159)
contains.

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Color

**XYZ(59.7951, 69.4227,
72.5357)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE1D4
RGB	189, 225, 212
RGB Percent	74%, 88%, 83%
CMY	0.2588, 0.1176, 0.1686
CMYK	0.16, 0.00, 0.06, 0.12
HSL	158°, 38%, 81%
HSV	158°, 16%, 88%
XYZ	59.7951, 69.4227, 72.5357
YIQ	212.7540, -17.2830, -11.6750

Conversions

Conversions Part 2

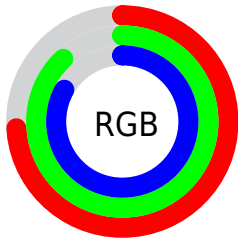
Format	Color
R _{YB}	189, 211, 225
Decimal	12444116
CIE Lab	86.71, -14.30, 2.42
CIE LCh	87, 14.502, 170.403
Yxy	69.4227, 0.2964, 0.3441
Android (android.graphics.Color)	4290634196 (0xFFBDE1D4)
YUV	212.7540, -0.3717, -20.8323
Hunter-Lab	83.3203, -17.7093, 6.7084

Details

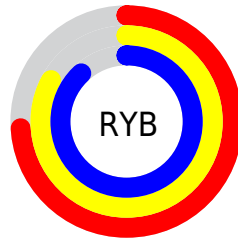
The XYZ color **59.7951, 69.4227, 72.5357** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.9120, 56.6687, 63.6606**, and the grayscale version is **63.0937, 66.3795, 72.2873**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **30.4522, 36.3347, 37.3066** is the 20% darker color. If you saturate the color by 10%, you get **53.6418, 66.3679, 67.0313**, and if you desaturate by 10%, it is **66.8698, 72.9503, 78.3555**.

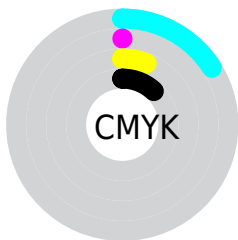
Distribution



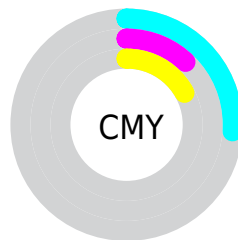
- Red (74%)
- Green (88%)
- Blue (83%)



- Red (74%)
- Yellow (83%)
- Blue (88%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (12%)





- Cyan (26%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7951, 69.4227, 72.5357 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 59.7951, 69.4227, 72.5357 by changing the saturation by 10% instead.

 59.7951, 69.4227,
72.5357

 59.7951, 69.4227,
72.5357


413.6890,
458.5204, 488.4316

 43.5023, 51.0560,
53.1069

 103.6404,
118.3851, 124.5326

 30.4757, 36.2532,
37.4998


131.9237,
149.7497, 157.9379

 20.3498, 24.6298,
25.2959


164.9345,
186.2156, 196.8390

 12.7593, 15.8015,
16.0766

203.0382,
228.1674, 241.6545

 7.3389, 9.3838,
9.4234

246.6001,
275.9893, 292.8030

 3.7231, 4.9923,
4.9178

295.9856,

 1.5467, 2.2428,

330.0659, 350.7030

2.1412

351.5601,
390.7815, 415.7730

■ 0.3573, 0.7432,
0.6402

■ 0.0000, 0.0000,
0.0000

■ 59.7951, 69.4227,
72.5357

■ 59.7951, 69.4227,
72.5357

■ 53.6418, 66.3679,
67.0313

■ 66.8698, 72.9503,
78.3555

■ 48.3634, 63.7565,
61.8319

■ 74.8980, 76.9615,
84.4917

■ 43.9184, 61.5688,
56.9329

■ 83.3623, 81.1913,
90.9253

■ 40.2590, 59.7804,
52.3280

■ 84.5728, 81.6756,
97.3000

■ 37.3328, 58.3644,
48.0107

■ 85.8379, 82.1816,
103.9616

■ 35.0804, 57.2903,
43.9737

■ 86.2165, 82.3330,
105.9555

■ 33.4329, 56.5226,
40.2094

■ 32.3048, 56.0174,
36.7093

■ 31.9407, 55.8587,
35.3799

Harmonies

Analogous

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



61.1129, 69.4227, 64.3604



59.7951, 69.4227, 72.5357



60.0916, 69.4227, 82.2500

Triad

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



59.7951, 69.4227, 72.5357



68.2706, 69.4227, 94.3645



70.2039, 69.4227, 62.1644

Complementary

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



59.7951, 69.4227, 72.5357



59.9120, 56.6687, 63.6606

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.



72.2500, 69.4227, 69.2987



59.7951, 69.4227, 72.5357



71.1077, 69.4227, 88.0542

Square

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



59.7951, 69.4227, 72.5357



64.9091, 69.4227, 95.4178



72.5863, 69.4227, 78.7279



67.0711, 69.4227, 58.7180

Rectangle

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



59.7951, 69.4227, 72.5357



61.1687, 69.4227, 88.2760



72.5863, 69.4227, 78.7279



71.0460, 69.4227, 64.1807

Sweetspot

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



59.7971, 69.4256, 72.5372



89.7812, 97.3685, 104.8297



60.5240, 70.1121, 58.4881



19.0639, 20.7645, 22.3173



0.0000, 0.0000, 0.0000



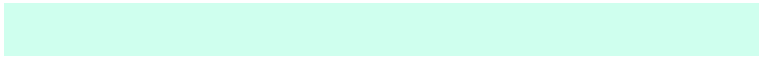
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7971, 69.4256, 72.5372



76.7260, 90.8644, 94.0001



60.2248, 67.5493, 81.1017



13.8955, 15.4839, 16.4849



18.4626, 32.2099, 20.6910



1.3221, 2.2496, 1.6575

Inverse Universe

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



59.9120, 56.6687, 63.6606



76.9051, 71.0524, 80.2167



59.4861, 58.1780, 56.2393



13.9108, 13.7819, 15.3003



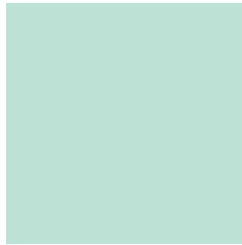
18.8058, 9.5893, 5.6430



1.3454, 0.6814, 0.6116

Previews

White Background



This preview shows how the XYZ color 59.7951, 69.4227, 72.5357 looks on a white background.

Color Contrast Check

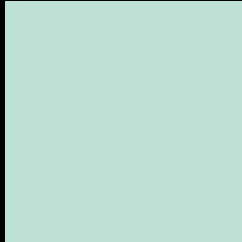
Large Text (above 18pt) WCAG AA × Fail

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 59.7951, 69.4227, 72.5357 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

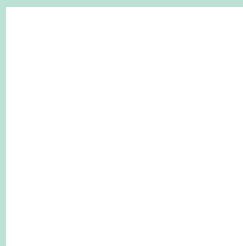
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7951, 69.4227, 72.5357

Background



This preview shows how black text looks on a background with the XYZ color 59.7951, 69.4227, 72.5357.

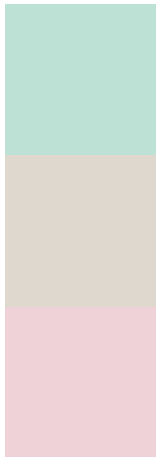


This preview shows how white text looks on a background with the XYZ color 59.7951, 69.4227,

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

59.7951, 69.4227, 72.5357

Protanopia

66.2498, 69.3047, 68.9169

Deuteranopia

70.5722, 69.1766, 73.9228



Tritanopia

63.6846, 69.4142, 91.7031

Trichromacy



Original Color

59.7951, 69.4227, 72.5357

Protanomaly

63.7041, 69.1154, 70.3046

Deuteranomaly

65.9532, 68.6716, 73.3972

Tritanomaly

62.0024, 69.1062, 84.1997

Monochromacy



Original Color

59.7951, 69.4227, 72.5357

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.7249, 67.2672, 72.6814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7951, 69.4227, 72.5357 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(189, 225, 212)` looks like.

```
.text, #text, p{  
    color:rgb(189, 225, 212)  
}
```

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(189, 225, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 225, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.7951, 69.4227, 72.5357 is called "border". The border property can be set on classes, ids or directly on the HTML element.

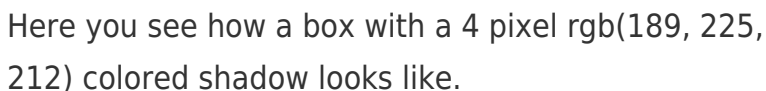
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 225, 212) }
```


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

```
.border{ border-color:rgb(189, 225, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 225, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 225, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 225, 212); box-shadow:4px 4px 4px 4px rgb(189, 225, 212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7951, 69.4227, 72.5357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 225, 212) }
```

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

```
.background{ background-color: rgb(189,  
225, 212) }
```

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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