

Converting Colors

XYZ(59.9757, 69.7374, 65.5204)

Have a look what the booklet for
XYZ(59.9757, 69.7374, 65.5204)
contains.

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Color

**XYZ(59.9735, 69.6696,
65.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	C3E1C9
RGB	195, 225, 201
RGB Percent	76%, 88%, 79%
CMY	0.2353, 0.1176, 0.2118
CMYK	0.13, 0.00, 0.11, 0.12
HSL	132°, 33%, 82%
HSV	132°, 13%, 88%
XYZ	59.9735, 69.6696, 65.5450
YIQ	213.2940, -10.1760, -13.8240

Conversions

Conversions Part 2

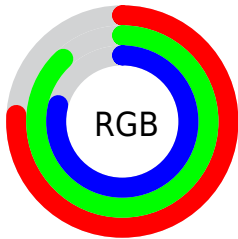
Format	Color
RYB	195, 220, 225
Decimal	12837321
CIELab	86.83, -14.40, 8.43
CIELCh	87, 16.684, 149.652
Yxy	69.6696, 0.3073, 0.3569
Android (android.graphics.Color)	4291027401 (0xFFC3E1C9)
YUV	213.2940, -6.0609, -16.0438
Hunter-Lab	83.4683, -17.8141, 11.8693

Details

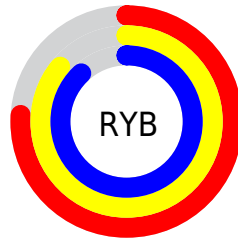
The XYZ color **59.9735, 69.6696, 65.5450** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63.3551, 60.1539, 75.2927**, and the grayscale version is **63.4884, 66.7948, 72.7395**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **30.6257, 36.5188, 33.0384** is the 20% darker color. If you saturate the color by 10%, you get **52.5973, 66.0995, 54.7867**, and if you desaturate by 10%, it is **68.4778, 73.7965, 77.6545**.

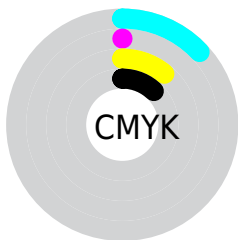
Distribution



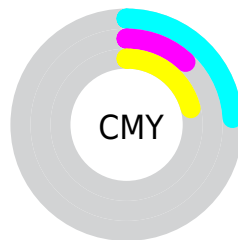
- Red (76%)
- Green (88%)
- Blue (79%)



- Red (76%)
- Yellow (86%)
- Blue (88%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)



- Cyan (24%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9735, 69.6696, 65.5450 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 59.9735, 69.6696, 65.5450 by changing the saturation by 10% instead.

■ 59.9735, 69.6696,
65.5450

■ 59.9735, 69.6696,
65.5450

414.3364,
459.3891, 463.1076

■ 43.6467, 51.2572,
47.4490

■ 103.8978,
118.7375, 114.4538

■ 30.5895, 36.4134,
33.0339

132.2259,
150.1617, 146.1037

■ 20.4368, 24.7536,
21.8811

165.2852,
186.6921, 183.1086

■ 12.8230, 15.8936,
13.5720

203.4410,
228.7129, 225.8871

■ 7.3830, 9.4489,
7.6883

247.0587,
276.6087, 274.8577

■ 3.7512, 5.0351,
3.8112

296.5036,

■ 1.5624, 2.2679,

330.7637, 330.4389

1.5224

352.1410,
391.5623, 393.0494

■ 0.3677, 0.7566,
0.2345

■ 0.0000, 0.0000,
0.0000

■ 59.9735, 69.6696,
65.5450

■ 59.9735, 69.6696,
65.5450

■ 52.5973, 66.0995,
54.7867

■ 68.4778, 73.7965,
77.6545

■ 46.2959, 63.0538,
45.3281

■ 78.1491, 78.4934,
91.1549

■ 41.0201, 60.5102,
37.1214

■ 86.2166, 82.3332,
105.9555

■ 36.7146, 58.4413,
30.1139

■ 33.3190, 56.8171,
24.2492

■ 30.7656, 55.6040,
19.4666

■ 28.9774, 54.7637,
15.6993

■ 27.8620, 54.2501,
12.8733

■ 27.4002, 54.0426,
11.4696

Harmonies

Analogous

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



62.5881, 69.6696, 58.7287



59.9735, 69.6696, 65.5450



59.0196, 69.6696, 75.7284

Triad

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



59.9735, 69.6696, 65.5450



66.1735, 69.6696, 99.3505



72.9318, 69.6696, 65.7495

Complementary

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



59.9735, 69.6696, 65.5450



63.3551, 60.1539, 75.2927

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.



73.9810, 69.6696, 75.9885



59.9735, 69.6696, 65.5450



69.9874, 69.6696, 96.0317

Square

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



59.9735, 69.6696, 65.5450



62.5124, 69.6696, 95.8796



72.8834, 69.6696, 87.2005



70.0691, 69.6696, 58.8384

Rectangle

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



59.9735, 69.6696, 65.5450



59.4238, 69.6696, 83.2905



72.8834, 69.6696, 87.2005



73.5132, 69.6696, 68.8820

Sweetspot

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



59.9754, 69.6726, 65.5465



90.1102, 97.6020, 101.9560



66.1424, 72.9318, 62.2217



19.0945, 20.7973, 21.5504



0.0000, 0.0000, 0.0000



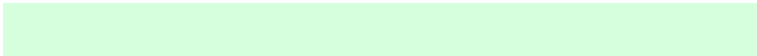
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9754, 69.6726, 65.5465



76.7830, 91.1395, 82.9050



61.7632, 70.3877, 74.9609



13.6403, 15.3818, 15.1410



15.8217, 31.1535, 6.7841



1.1285, 2.1721, 0.6380

Inverse Universe

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



63.3551, 60.1539, 75.2927



82.1011, 76.1600, 98.2398



61.5278, 59.4230, 65.6702



14.1714, 13.8862, 16.6727



22.6832, 11.1403, 26.0612



1.6025, 0.7843, 1.9656

Previews

White Background



This preview shows how the XYZ color 59.9735, 69.6696, 65.5450 looks on a white background.

Color Contrast Check

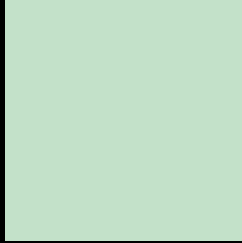
Large Text (above 18pt) WCAG AA × Fail

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 59.9735, 69.6696, 65.5450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

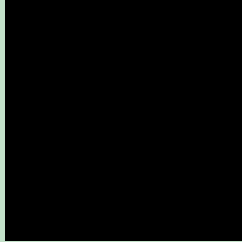
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

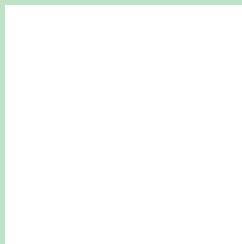
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9735, 69.6696, 65.5450

Background



This preview shows how black text looks on a background with the XYZ color 59.9735, 69.6696, 65.5450.



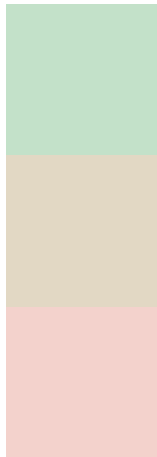
This preview shows how white text looks on a background with the XYZ color 59.9735, 69.6696,

65.5450.

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

59.9735, 69.6696, 65.5450

Protanopia

65.8837, 69.2660, 62.1218

Deuteranopia

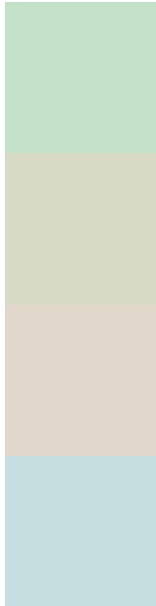
70.9078, 69.5075, 66.8058



Tritanopia

64.9667, 69.7183, 90.1536

Trichromacy



Original Color

59.9735, 69.6696, 65.5450

Protanomaly

63.5489, 69.1873, 63.4312

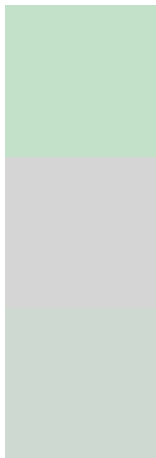
Deuteranomaly

66.4440, 69.0814, 66.3320

Tritanomaly

63.1290, 69.7665, 80.6600

Monochromacy



Original Color

59.9735, 69.6696, 65.5450

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.7751, 67.3510, 70.0657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9735, 69.6696, 65.5450 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(195, 225, 201)` looks like.

```
.text, #text, p{  
    color:rgb(195, 225, 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(195, 225, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 225, 201) }
```

Border

The CSS property to change the border of an element to XYZ 59.9735, 69.6696, 65.5450 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(195, 225, 201) }
```


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

```
.border{ border-color:rgb(195, 225, 201) }
```

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

Here you see how a box with a 4 pixel rgb(195, 225, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 225, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 225, 201);  
box-shadow:4px 4px 4px 4px rgb(195, 225,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9735, 69.6696, 65.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 225, 201) }
```

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

```
.background{ background-color: rgb(195,  
225, 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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