

Converting Colors

XYZ(61.2857, 69.9459, 65.5291)

Have a look what the booklet for
XYZ(61.2857, 69.9459, 65.5291)
contains.

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Color

**XYZ(61.2857, 69.9459,
65.5291)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E0C9
RGB	201, 224, 201
RGB Percent	79%, 88%, 79%
CMY	0.2118, 0.1215, 0.2118
CMYK	0.10, 0.00, 0.10, 0.12
HSL	120°, 27%, 83%
HSV	120°, 10%, 88%
XYZ	61.2857, 69.9459, 65.5291
YIQ	214.5010, -6.3250, -12.0290

Conversions

Conversions Part 2

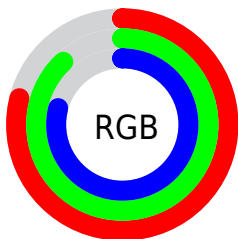
Format	Color
RYB	201, 224, 224
Decimal	13230281
CIELab	86.97, -11.88, 8.68
CIELCh	87, 14.709, 143.850
Yxy	69.9459, 0.3115, 0.3555
Android (android.graphics.Color)	4291420361 (0xFFC9E0C9)
YUV	214.5010, -6.6560, -11.8404
Hunter-Lab	83.6337, -15.5564, 12.0883

Details

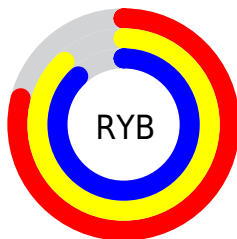
The XYZ color **61.2857, 69.9459, 65.5291** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0843, 63.0042, 79.2552**, and the grayscale version is **64.3023, 67.6510, 73.6720**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4870, 36.6856, 33.0252** is the 20% darker color. If you saturate the color by 10%, you get **53.2517, 66.0888, 52.3865**, and if you desaturate by 10%, it is **70.5860, 74.4154, 80.7398**.

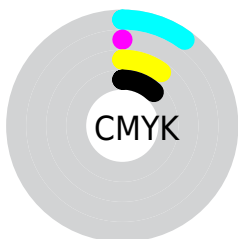
Distribution



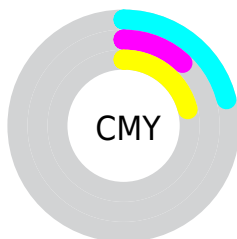
- Red (79%)
- Green (88%)
- Blue (79%)



- Red (79%)
- Yellow (88%)
- Blue (88%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2857, 69.9459, 65.5291 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 61.2857, 69.9459, 65.5291 by changing the saturation by 10% instead.

61.2857, 69.9459,
65.5291

61.2857, 69.9459,
65.5291

419.0800,
460.3600, 463.0490

44.7092, 51.4824,
47.4362

105.7883,
119.1316, 114.4307

31.4287, 36.5927,
33.0238

134.4450,
150.6226, 146.0765

21.0790, 24.8923,
21.8734

167.8593,
187.2250, 183.0771

13.2945, 15.9968,
13.5665

206.3964,
229.3230, 225.8508

7.7101, 9.5219,
7.6845

250.4216,
277.3011, 274.8163

3.9602, 5.0831,
3.8089

300.3004,

1.6797, 2.2961,

331.5437, 330.3922

1.5211

356.3980,
392.4352, 392.9969

■ 0.4435, 0.7717,
0.2336

■ 0.0000, 0.0000,
0.0000

■ 61.2857, 69.9459,
65.5291

■ 61.2857, 69.9459,
65.5291

■ 53.2517, 66.0888,
52.3865

■ 70.5860, 74.4154,
80.7398

■ 46.4239, 62.8091,
41.2184

■ 81.1980, 79.5129,
98.0977

■ 40.7459, 60.0816,
31.9308

■ 85.9470, 81.7941,
105.8657

■ 36.1543, 57.8761,
24.4204

■ 32.5799, 56.1591,
18.5738

■ 29.9455, 54.8937,
14.2647

■ 28.1626, 54.0373,
11.3485

■ 27.1263, 53.5395,
9.6534

■ 26.6570, 53.3141,
8.8857

Harmonies

Analogous

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



63.8445, 69.9459, 60.1243



61.2857, 69.9459, 65.5291



60.1238, 69.9459, 74.1491

Triad

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



61.2857, 69.9459, 65.5291



65.7759, 69.9459, 96.5736



72.7120, 69.9459, 68.7584

Complementary

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



61.2857, 69.9459, 65.5291



65.0843, 63.0042, 79.2552

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.



73.2723, 69.9459, 78.2053



61.2857, 69.9459, 65.5291



69.1901, 69.9459, 94.8181

Square

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



61.2857, 69.9459, 65.5291



62.6580, 69.9459, 92.4904



71.9629, 69.9459, 87.8809



70.4574, 69.9459, 61.8733

Rectangle

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



61.2857, 69.9459, 65.5291



60.2680, 69.9459, 80.7812



71.9629, 69.9459, 87.8809



73.1079, 69.9459, 71.7169

Sweetspot

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



61.2876, 69.9489, 65.5306



91.0839, 98.0949, 102.4127



67.9419, 73.3793, 65.8419



19.2746, 20.8901, 21.5589



0.0000, 0.0000, 0.0000



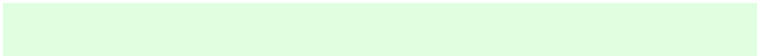
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2876, 69.9489, 65.5306



80.1335, 92.8348, 84.5014



62.6921, 70.5107, 72.9264



13.5288, 15.3373, 14.5541



15.5155, 31.0311, 5.1719



1.0755, 2.1509, 0.3585

Inverse Universe

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



65.0843, 63.0042, 79.2552



86.0533, 82.0066, 105.9009



63.5763, 62.4010, 71.3145



14.2951, 13.9357, 17.3241



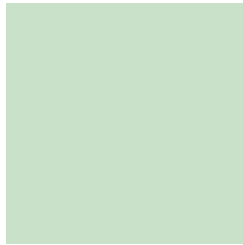
25.7246, 12.3568, 42.0769



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 61.2857, 69.9459, 65.5291 looks on a white background.

Color Contrast Check

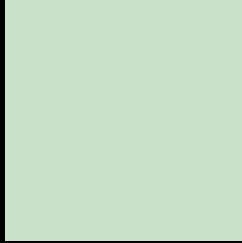
Large Text (above 18pt) WCAG AA × Fail

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 61.2857, 69.9459, 65.5291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

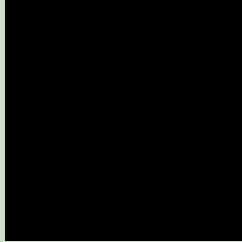
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

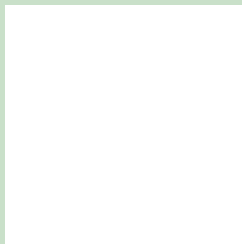
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2857, 69.9459, 65.5291

Background



This preview shows how black text looks on a background with the XYZ color 61.2857, 69.9459, 65.5291.



This preview shows how white text looks on a background with the XYZ color 61.2857, 69.9459,

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

61.2857, 69.9459, 65.5291

Protanopia

66.2549, 69.8257, 62.8090

Deuteranopia

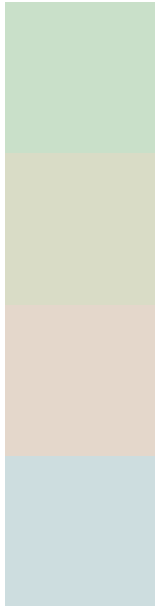
71.2539, 69.6859, 66.8220



Tritanopia

66.2040, 69.9846, 89.3759

Trichromacy



Original Color

61.2857, 69.9459, 65.5291

Protanomaly

64.4015, 70.0153, 63.5461

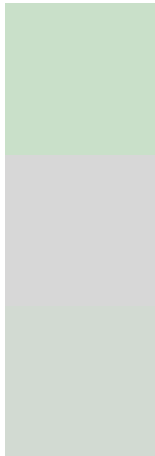
Deuteranomaly

67.0748, 69.4067, 66.3615

Tritanomaly

64.3526, 70.0198, 79.9355

Monochromacy



Original Color

61.2857, 69.9459, 65.5291

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.2826, 68.4976, 70.8588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2857, 69.9459, 65.5291 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(201, 224, 201)` looks like.

```
.text, #text, p{  
    color:rgb(201, 224, 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(201, 224, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 224, 201) }
```

Border

The CSS property to change the border of an element to XYZ 61.2857, 69.9459, 65.5291 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(201, 224, 201) }
```


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

```
.border{ border-color:rgb(201, 224, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 224, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 224, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 224, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 224,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2857, 69.9459, 65.5291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 224, 201) }
```

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

```
.background{ background-color: rgb(201,  
224, 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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