

Converting Colors

XYZ(61.5293, 72.0084, 69.6933)

Have a look what the booklet for
XYZ(61.5293, 72.0084, 69.6933)
contains.

XYZ(61.5299, 72.0130, 69.6884)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.5299, 72.0130,
69.6884)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E5CF
RGB	194, 229, 207
RGB Percent	76%, 90%, 81%
CMY	0.2392, 0.1019, 0.1882
CMYK	0.15, 0.00, 0.10, 0.10
HSL	142°, 40%, 83%
HSV	142°, 15%, 90%
XYZ	61.5299, 72.0130, 69.6884
YIQ	216.0270, -13.7980, -14.2620

Conversions

Conversions Part 2

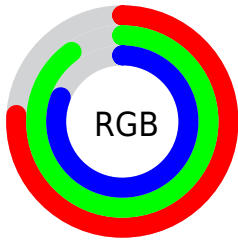
Format	Color
RYB	194, 220, 229
Decimal	12772815
CIELab	87.97, -15.63, 6.91
CIELCh	88, 17.093, 156.157
Yxy	72.0130, 0.3028, 0.3543
Android (android.graphics.Color)	4290962895 (0xFFC2E5CF)
YUV	216.0270, -4.4503, -19.3177
Hunter-Lab	84.8605, -19.0806, 10.7127

Details

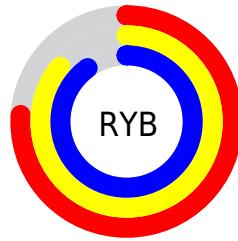
The XYZ color **61.5299, 72.0130, 69.6884** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.0021, 60.2011, 73.2157**, and the grayscale version is **65.3264, 68.7284, 74.8453**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **31.5086, 37.7625, 35.7652** is the 20% darker color. If you saturate the color by 10%, you get **54.4191, 68.5434, 60.5842**, and if you desaturate by 10%, it is **69.7109, 76.0198, 79.6834**.

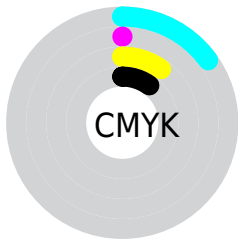
Distribution



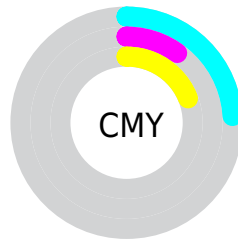
- Red (76%)
- Green (90%)
- Blue (81%)



- Red (76%)
- Yellow (86%)
- Blue (90%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5299, 72.0130, 69.6884 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 61.5299, 72.0130, 69.6884 by changing the saturation by 10% instead.

61.5299, 72.0130,
69.6884

61.5299, 72.0130,
69.6884

419.9592,
467.5868, 478.2147

44.9071, 53.1693,
50.7973

106.1396,
122.0750, 120.4412

31.5852, 37.9379,
35.6717

134.8572,
154.0621, 153.1400

21.1989, 25.9345,
23.8931

168.3372,
191.1991, 191.2785

13.3828, 16.7747,
15.0429

206.9448,
233.8705, 235.2752

7.7715, 10.0740,
8.7025

251.0454,
282.4605, 285.5486

3.9996, 5.4480,
4.4535

301.0045,

1.7019, 2.5125,

337.3537, 342.5173

1.8773

357.1873,
398.9343, 406.5998

■ 0.4575, 0.8829,
0.4782

■ 0.0000, 0.0000,
0.0000

■ 61.5299, 72.0130,
69.6884

■ 61.5299, 72.0130,
69.6884

■ 54.4191, 68.5434,
60.5842

■ 69.7109, 76.0198,
79.6834

■ 48.3268, 65.5789,
52.3416

■ 78.9990, 80.5762,
90.5878

■ 43.2062, 63.0977,
44.9367

■ 86.5455, 84.2154,
102.2905

■ 39.0040, 61.0730,
38.3427

■ 87.3107, 84.5215,
106.3202

■ 35.6618, 59.4752,
32.5313

■ 33.1138, 58.2710,
27.4726

■ 31.2842, 57.4219,
23.1345

■ 30.0808, 56.8811,
19.4822

■ 29.6625, 56.6982,
17.9857

Harmonies

Analogous

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



63.9287, 72.0130, 61.6589



61.5299, 72.0130, 69.6884



60.9513, 72.0130, 80.8404

Triad

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



61.5299, 72.0130, 69.6884



69.2897, 72.0130, 102.8906



74.9662, 72.0130, 65.9071

Complementary

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



61.5299, 72.0130, 69.6884



64.0021, 60.2011, 73.2157

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.



76.5317, 72.0130, 76.0287



61.5299, 72.0130, 69.6884



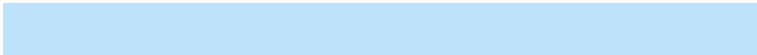
73.1717, 72.0130, 97.9492

Square

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



61.5299, 72.0130, 69.6884



65.3290, 72.0130, 100.7662



75.8623, 72.0130, 87.8303



71.6610, 72.0130, 59.6320

Rectangle

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



61.5299, 72.0130, 69.6884



61.6545, 72.0130, 88.7190



75.8623, 72.0130, 87.8303



75.7192, 72.0130, 68.9320

Sweetspot

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



61.5319, 72.0160, 69.6900



89.2501, 97.1560, 102.0328



66.1278, 74.5614, 61.9462



18.9349, 20.7129, 21.6377



0.0000, 0.0000, 0.0000



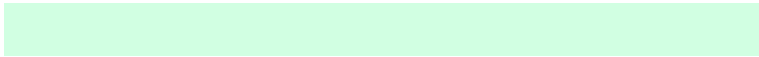
20.3446, 21.4041, 23.3091

Same Dimension

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



61.5319, 72.0160, 69.6900



75.8305, 90.5890, 85.5462



63.7696, 72.9111, 81.4738



14.4096, 16.1773, 16.4215



17.0122, 32.4370, 10.5643



1.3009, 2.4145, 1.0109

Inverse Universe

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



64.0021, 60.2011, 73.2157



79.4907, 73.0803, 90.7688



61.8772, 59.3512, 62.0259



14.7562, 14.5197, 16.9164



21.4111, 10.6987, 16.3258



1.6267, 0.8084, 1.4410

Previews

White Background



This preview shows how the XYZ color 61.5299, 72.0130, 69.6884 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 61.5299, 72.0130, 69.6884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

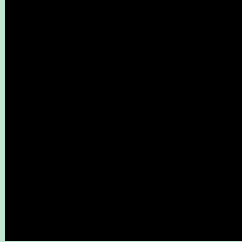
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

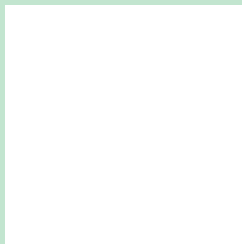
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5299, 72.0130, 69.6884

Background



This preview shows how black text looks on a background with the XYZ color 61.5299, 72.0130, 69.6884.



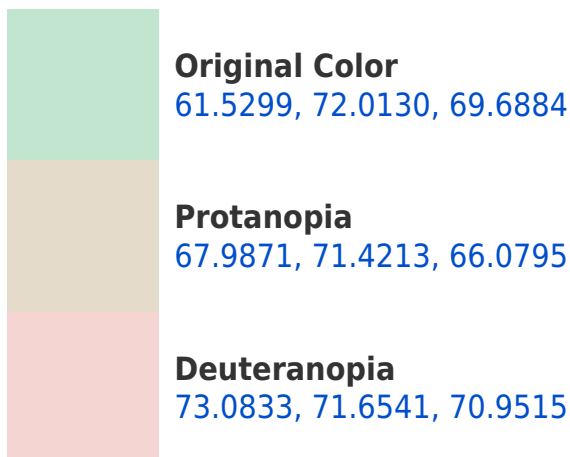
This preview shows how white text looks on a background with the XYZ color 61.5299, 72.0130,

69.6884.

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

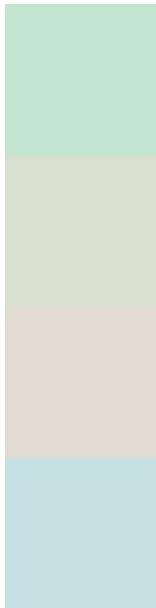




Tritanopia

66.5021, 72.0015, 94.3970

Trichromacy



Original Color

61.5299, 72.0130, 69.6884

Protanomaly

65.6057, 71.7339, 67.5150

Deuteranomaly

68.2042, 71.4352, 70.5152

Tritanomaly

64.6279, 72.0556, 84.6306

Monochromacy



Original Color

61.5299, 72.0130, 69.6884

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.8791, 69.9269, 73.0812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5299, 72.0130, 69.6884 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(194, 229, 207)` looks like.

```
.text, #text, p{  
    color:rgb(194, 229, 207)  
}
```

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(194, 229, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 229, 207) }
```

Border

The CSS property to change the border of an element to XYZ 61.5299, 72.0130, 69.6884 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(194, 229, 207) }
```


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

```
.border{ border-color:rgb(194, 229, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 229, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 229, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 229, 207);  
box-shadow:4px 4px 4px 4px rgb(194, 229,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5299, 72.0130, 69.6884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 229, 207) }
```

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

```
.background{ background-color: rgb(194,  
229, 207) }
```

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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