

Converting Colors

XYZ(61.2972, 71.7148, 73.8827)

Have a look what the booklet for
XYZ(61.2972, 71.7148, 73.8827)
contains.

XYZ(61.2648, 71.7899, 73.5786)	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(61.2648, 71.7899,
73.5786)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE5D5
RGB	190, 229, 213
RGB Percent	75%, 90%, 84%
CMY	0.2549, 0.1019, 0.1647
CMYK	0.17, 0.00, 0.07, 0.10
HSL	155°, 43%, 82%
HSV	155°, 17%, 90%
XYZ	61.2648, 71.7899, 73.5786
YIQ	215.5150, -18.1080, -13.2440

Conversions

Conversions Part 2

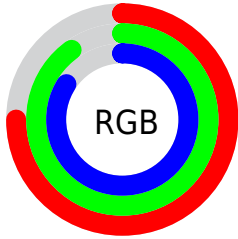
Format	Color
RYB	190, 215, 229
Decimal	12510677
CIELab	87.87, -15.79, 3.57
CIELCh	88, 16.193, 167.246
Yxy	71.7899, 0.2965, 0.3474
Android (android.graphics.Color)	4290700757 (0xFFBEE5D5)
YUV	215.5150, -1.2399, -22.3767
Hunter-Lab	84.7289, -19.2079, 7.8228

Details

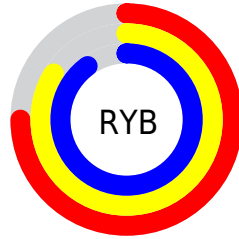
The XYZ color **61.2648, 71.7899, 73.5786** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.8698, 57.9431, 66.3191**, and the grayscale version is **64.9591, 68.3420, 74.4245**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **31.2685, 37.5900, 37.9553** is the 20% darker color. If you saturate the color by 10%, you get **54.8303, 68.6086, 67.2318**, and if you desaturate by 10%, it is **68.6712, 75.4682, 80.3346**.

Distribution



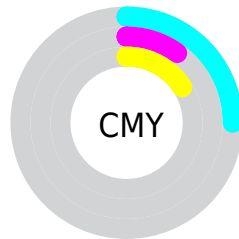
- Red (75%)
- Green (90%)
- Blue (84%)



- Red (75%)
- Yellow (84%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (25%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2648, 71.7899, 73.5786 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 61.2648, 71.7899, 73.5786 by changing the saturation by 10% instead.

61.2648, 71.7899,
73.5786

61.2648, 71.7899,
73.5786

419.0047,
466.8100, 492.1421

44.6923, 52.9871,
53.9545

105.7582,
121.7578, 126.0268

31.4153, 37.7924,
38.1724

134.4098,
153.6916, 159.6880

21.0687, 25.8216,
25.8136

167.8184,
190.7712, 198.8652

13.2870, 16.6903,
16.4597

206.3494,
233.3810, 243.9772

7.7048, 10.0139,
9.6922

250.3682,
281.9054, 295.4423

3.9569, 5.4082,
5.0924

300.2401,

1.6778, 2.4887,

336.7288, 353.6791

2.2419

356.3305,
398.2355, 419.1062

■ 0.4423, 0.8710,
0.6984

■ 0.0000, 0.0000,
0.0000

■ 61.2648, 71.7899,
73.5786

■ 61.2648, 71.7899,
73.5786

■ 54.8303, 68.6086,
67.2318

■ 68.6712, 75.4682,
80.3346

■ 49.3185, 65.8932,
61.2814

■ 77.0836, 79.6550,
87.5030

■ 44.6852, 63.6229,
55.7207

■ 85.1663, 83.6636,
95.0283

■ 40.8798, 61.7718,
50.5408

■ 86.6081, 84.2403,
102.6209

■ 37.8463, 60.3113,
45.7327

■ 87.3107, 84.5213,
106.3202

■ 35.5216, 59.2089,
41.2865

■ 33.8317, 58.4266,
37.1919

■ 32.6810, 57.9153,
33.4371

■ 32.3968, 57.7918,
32.3847

Harmonies

Analogous

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



62.9409, 71.7899, 64.6381



61.2648, 71.7899, 73.5786



61.4047, 71.7899, 84.6233

Triad

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



61.2648, 71.7899, 73.5786



70.4527, 71.7899, 100.2167



73.3847, 71.7899, 63.6085

Complementary

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



61.2648, 71.7899, 73.5786



61.8698, 57.9431, 66.3191

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.



75.5521, 71.7899, 72.0477



61.2648, 71.7899, 73.5786



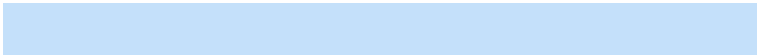
73.8162, 71.7899, 93.4630

Square

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



61.2648, 71.7899, 73.5786



66.6126, 71.7899, 100.7251



75.7130, 71.7899, 82.9423



69.8818, 71.7899, 59.2566

Rectangle

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



61.2648, 71.7899, 73.5786



62.5085, 71.7899, 91.7154



75.7130, 71.7899, 82.9423



74.2992, 71.7899, 66.0232

Sweetspot

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



61.2668, 71.7929, 73.5802



89.6829, 97.3291, 104.3119



62.8391, 72.9172, 59.4788



19.0400, 20.7550, 22.1913



0.0000, 0.0000, 0.0000



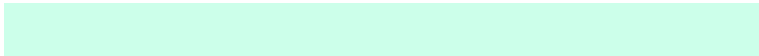
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2668, 71.7929, 73.5802



75.5238, 90.3022, 91.3474



62.5089, 70.8642, 84.5159



14.5441, 16.2311, 17.1301



18.5832, 33.0654, 18.8376



1.4191, 2.4618, 1.6336

Inverse Universe

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



61.8698, 57.9431, 66.3191



76.4133, 69.8779, 80.6414



60.7349, 58.6282, 56.8316



14.6209, 14.4656, 16.2042



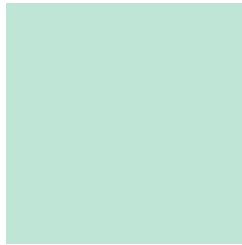
19.6856, 10.0085, 7.2394



1.4999, 0.7577, 0.7731

Previews

White Background



This preview shows how the XYZ color 61.2648, 71.7899, 73.5786 looks on a white background.

Color Contrast Check

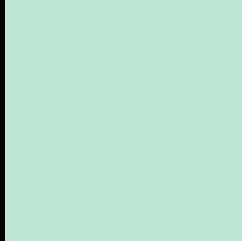
Large Text (above 18pt) WCAG AA × Fail

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 61.2648, 71.7899, 73.5786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

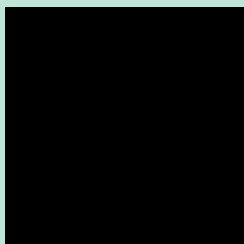
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

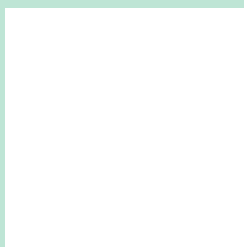
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2648, 71.7899, 73.5786

Background



This preview shows how black text looks on a background with the XYZ color 61.2648, 71.7899, 73.5786.

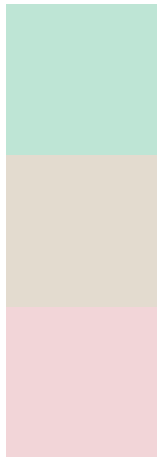


This preview shows how white text looks on a background with the XYZ color 61.2648, 71.7899,

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

61.2648, 71.7899, 73.5786

Protanopia

68.2726, 71.4989, 69.2338

Deuteranopia

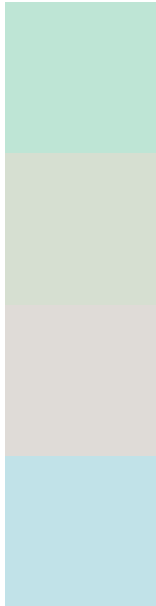
72.8069, 71.4236, 74.9145



Tritanopia

65.6086, 71.9236, 95.2187

Trichromacy



Original Color

61.2648, 71.7899, 73.5786

Protanomaly

65.6279, 71.6749, 70.6973

Deuteranomaly

68.0287, 71.2573, 74.4585

Tritanomaly

63.7542, 71.5564, 86.7955

Monochromacy



Original Color

61.2648, 71.7899, 73.5786

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.8543, 69.8846, 74.4136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2648, 71.7899, 73.5786 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(190, 229, 213)` looks like.

```
.text, #text, p{  
    color:rgb(190, 229, 213)  
}
```

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(190, 229, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 229, 213) }
```

Border

The CSS property to change the border of an element to XYZ 61.2648, 71.7899, 73.5786 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(190, 229, 213) }
```


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

```
.border{ border-color:rgb(190, 229, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 229, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 229, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 229, 213);  
box-shadow:4px 4px 4px 4px rgb(190, 229,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2648, 71.7899, 73.5786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 229, 213) }
```

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

```
.background{ background-color: rgb(190,  
229, 213) }
```

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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