

Converting Colors

XYZ(71.8302, 73.9653, 60.8878)

Have a look what the booklet for
XYZ(71.8302, 73.9653, 60.8878)
contains.

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Color

**XYZ(71.8368, 73.9139,
60.9327)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DCC1
RGB	242, 220, 193
RGB Percent	95%, 86%, 76%
CMY	0.0510, 0.1372, 0.2431
CMYK	0.00, 0.09, 0.20, 0.05
HSL	33°, 65%, 85%
HSV	33°, 20%, 95%
XYZ	71.8368, 73.9139, 60.9327
YIQ	223.5000, 21.7790, -3.7330

Conversions

Conversions Part 2

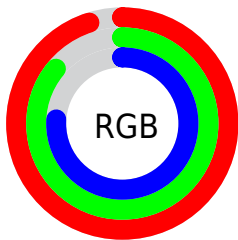
Format	Color
R_{YB}	233, 242, 193
Decimal	15916225
CIE _{Lab}	88.88, 3.37, 16.02
CIE _{LCh}	89, 16.368, 78.111
Yxy	73.9139, 0.3476, 0.3576
Android (android.graphics.Color)	4294106305 (0xFFFF2DCC1)
YUV	223.5000, -15.0365, 16.2245
Hunter-Lab	85.9732, -1.3035, 18.1600

Details

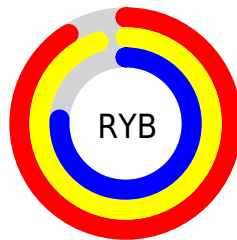
The XYZ color **71.8368, 73.9139, 60.9327** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62.3194, 66.3476, 93.5267**, and the grayscale version is **70.5894, 74.2656, 80.8752**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **38.1229, 39.0886, 29.9617** is the 20% darker color. If you saturate the color by 10%, you get **66.5966, 67.4056, 46.9392**, and if you desaturate by 10%, it is **77.7081, 80.9761, 77.3177**.

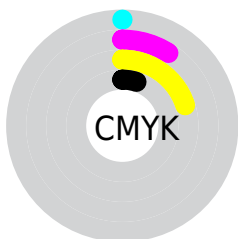
Distribution



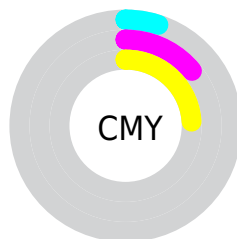
- Red (95%)
- Green (86%)
- Blue (76%)



- Red (91%)
- Yellow (95%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (5%)





- Cyan (5%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.8368, 73.9139, 60.9327 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 71.8368, 73.9139, 60.9327 by changing the saturation by 10% instead.


 71.8368, 73.9139,
60.9327

 71.8368, 73.9139,
60.9327


456.1398,
474.1762, 445.9269

 53.3104, 54.7236,
43.7407


 120.8365,
124.7737, 107.7381

 38.2791, 39.1804,
30.1310


152.0405,
157.2121, 138.1885

 26.3775, 26.9001,
19.6851


188.2011,
194.8351, 173.8954

 17.2405, 17.4982,
11.9846

229.6836,
238.0274, 215.2774

 10.5024, 10.5904,
6.6108

276.8533,
287.1733, 262.7530

 5.7982, 5.7921,
3.1452

330.0757,

 2.7622, 2.7191,

342.6571, 316.7408

1.1692

389.7161,
404.8632, 377.6592

■ 1.0293, 0.9869,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.8368, 73.9139,
60.9327

■ 71.8368, 73.9139,
60.9327

■ 66.5966, 67.4056,
46.9392

■ 77.7081, 80.9761,
77.3177

■ 61.9565, 61.4257,
35.2182

■ 84.2279, 88.5970,
96.1958

■ 57.8917, 55.9611,
25.6477

■ 89.6657, 96.0924,
108.4295

■ 54.3730, 50.9940,
18.0921

■ 90.4282, 97.6174,
108.6837

■ 51.3681, 46.5055,
12.4002

■ 48.8404, 42.4747,
8.3991

■ 46.7469, 38.8777,
5.8829

■ 45.0566, 35.7542,
4.5265

Harmonies

Analogous

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



75.4721, 73.9139, 65.2823



71.8368, 73.9139, 60.9327



67.9075, 73.9139, 61.4441

Triad

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



71.8368, 73.9139, 60.9327



63.2469, 73.9139, 87.4661



76.0881, 73.9139, 95.9711

Complementary

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



71.8368, 73.9139, 60.9327



62.3194, 66.3476, 93.5267

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.



72.6518, 73.9139, 103.0892



71.8368, 73.9139, 60.9327



65.2801, 73.9139, 97.8695

Square

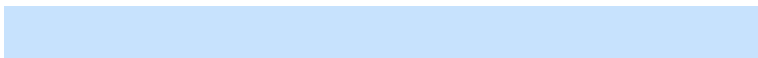
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8368, 73.9139, 60.9327



63.0473, 73.9139, 76.0607



68.6925, 73.9139, 103.8150



77.9877, 73.9139, 85.0665

Rectangle

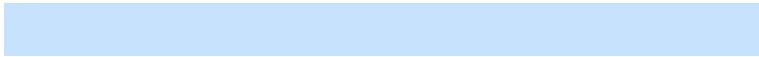
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8368, 73.9139, 60.9327



65.6478, 73.9139, 64.4801



68.6925, 73.9139, 103.8150



75.0686, 73.9139, 98.9286

Sweetspot

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



71.8388, 73.9172, 60.9343



90.5317, 94.7495, 95.7216



67.9609, 61.9270, 72.6957



19.2757, 20.1610, 20.1948



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.



71.8388, 73.9172, 60.9343



78.5690, 80.3738, 62.2939



77.1610, 85.8017, 62.9477



16.4950, 17.2032, 16.6009



24.3432, 19.4844, 2.4778



2.1243, 1.8193, 0.2392

Inverse Universe

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



62.3194, 66.3476, 93.5267



66.1750, 70.5193, 104.7315



57.7200, 56.2139, 91.8131



15.4815, 16.3971, 20.0706



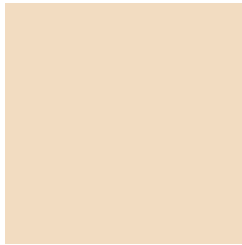
11.6585, 9.5412, 46.3550



1.0678, 0.9896, 3.8889

Previews

White Background



This preview shows how the XYZ color 71.8368, 73.9139, 60.9327 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 71.8368, 73.9139, 60.9327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

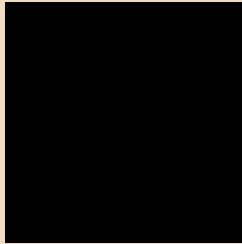
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8368, 73.9139, 60.9327

Background



This preview shows how black text looks on a background with the XYZ color 71.8368, 73.9139, 60.9327.



This preview shows how white text looks on a background with the XYZ color 71.8368, 73.9139,

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

71.8368, 73.9139, 60.9327

Protanopia

70.0570, 74.1628, 61.6614

Deuteranopia

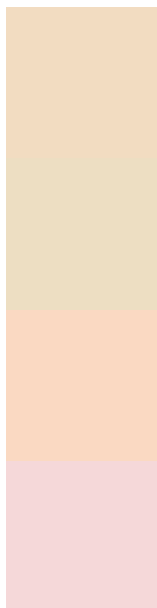
75.2780, 73.7559, 61.3077



Tritanopia

76.8281, 73.6368, 85.7654

Trichromacy



Original Color

71.8368, 73.9139, 60.9327

Protanomaly

70.7839, 74.1421, 61.6191

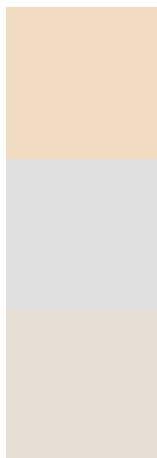
Deuteranomaly

73.9748, 73.8447, 61.3935

Tritanomaly

74.7364, 73.5340, 75.9001

Monochromacy



Original Color

71.8368, 73.9139, 60.9327

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.3529, 74.5684, 73.5832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8368, 73.9139, 60.9327 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(242, 220, 193) looks like.

```
.text, #text, p{  
    color:rgb(242, 220, 193)  
}
```

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(242, 220, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 220, 193) }
```

Border

The CSS property to change the border of an element to XYZ 71.8368, 73.9139, 60.9327 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(242, 220, 193) }
```


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

```
.border{ border-color:rgb(242, 220, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 220, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 220, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 220, 193);  
box-shadow:4px 4px 4px 4px rgb(242, 220,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8368, 73.9139, 60.9327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 220, 193) }
```

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

```
.background{ background-color: rgb(242,  
220, 193) }
```

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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