

Converting Colors

XYZ(73.1239, 76.1287, 62.4700)

Have a look what the booklet for
XYZ(73.1239, 76.1287, 62.4700)
contains.

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Color

**XYZ(73.1239, 76.1287,
62.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E0C3
RGB	242, 224, 195
RGB Percent	95%, 88%, 76%
CMY	0.0510, 0.1215, 0.2353
CMYK	0.00, 0.07, 0.19, 0.05
HSL	37°, 64%, 86%
HSV	37°, 19%, 95%
XYZ	73.1239, 76.1287, 62.4700
YIQ	226.0760, 20.0370, -5.2030

Conversions

Conversions Part 2

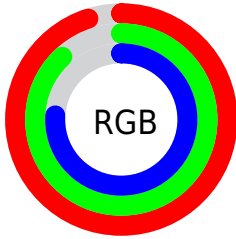
Format	Color
R _Y B	224, 242, 195
Decimal	15917251
CIE Lab	89.92, 1.61, 16.43
CIE LCh	90, 16.509, 84.421
Yxy	76.1287, 0.3454, 0.3596
Android (android.graphics.Color)	4294107331 (0xFFFF2E0C3)
YUV	226.0760, -15.3205, 13.9653
Hunter-Lab	87.2518, -3.0934, 18.6261

Details

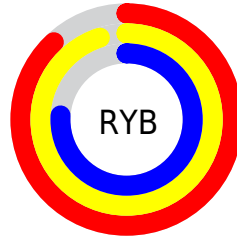
The XYZ color **73.1239, 76.1287, 62.4700** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.3265, 65.5997, 93.3819**, and the grayscale version is **72.4426, 76.2152, 82.9984**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **39.2454, 40.7381, 30.9941** is the 20% darker color. If you saturate the color by 10%, you get **68.1843, 70.2789, 48.4005**, and if you desaturate by 10%, it is **78.6467, 82.4341, 78.9235**.

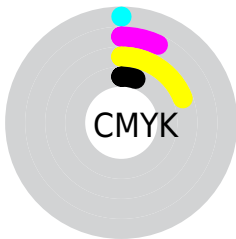
Distribution



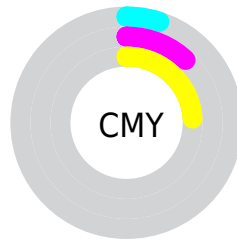
- Red (95%)
- Green (88%)
- Blue (76%)



- Red (88%)
- Yellow (95%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (19%)
- Black (5%)





- Cyan (5%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1239, 76.1287, 62.4700 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 73.1239, 76.1287, 62.4700 by changing the saturation by 10% instead.


 73.1239, 76.1287,
62.4700

 73.1239, 76.1287,
62.4700


460.5413,
481.7881, 451.6983

 54.3660, 56.5380,
44.9743


122.6553,
127.9088, 109.9827

 39.1262, 40.6345,
31.0944


154.1595,
160.8671, 140.8368

 27.0391, 28.0336,
20.4117


190.6432,
199.0500, 176.9808

 17.7393, 18.3510,
12.5076

232.4717,
242.8419, 218.8333

 10.8615, 11.2023,
6.9637

280.0104,
292.6273, 266.8127

 6.0404, 6.2030,
3.3613

333.6247,

 2.9106, 2.9689,

348.7906, 321.3377

1.2819

393.6798,
411.7160, 382.8267

■ 1.1066, 1.1155,
0.0469

■ 0.0307, 0.0000,
0.0000

■ 73.1239, 76.1287,
62.4700

■ 73.1239, 76.1287,
62.4700

■ 68.1843, 70.2789,
48.4005

■ 78.6467, 82.4341,
78.9235

■ 63.7985, 64.8617,
36.5972

■ 84.7688, 89.1971,
97.8615

■ 59.9432, 59.8669,
26.9392

■ 89.4165, 95.5942,
108.3465

■ 56.5907, 55.2799,
19.2927

■ 90.4281, 97.6173,
108.6837

■ 53.7107, 51.0848,
13.5083

■ 51.2686, 47.2640,
9.4159

■ 49.2237, 43.7972,
6.8134

■ 47.5133, 40.6555,
5.3833

■ 47.4203, 40.4818,
5.3144

Harmonies

Analogous

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



77.0219, 76.1287, 65.9190



73.1239, 76.1287, 62.4700



69.1611, 76.1287, 64.0607

Triad

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



73.1239, 76.1287, 62.4700



65.4435, 76.1287, 92.5370



78.9317, 76.1287, 96.6710

Complementary

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



73.1239, 76.1287, 62.4700



62.3265, 65.5997, 93.3819

Split Complementary

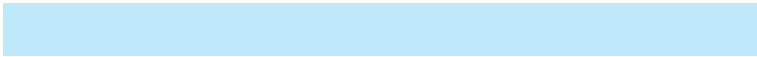
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6520, 76.1287, 105.0915



73.1239, 76.1287, 62.4700



67.8864, 76.1287, 102.5520

Square

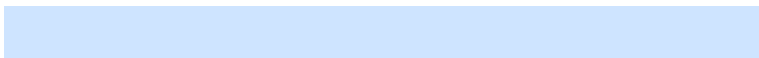
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1239, 76.1287, 62.4700



64.8235, 76.1287, 80.7247



71.5976, 76.1287, 107.3385



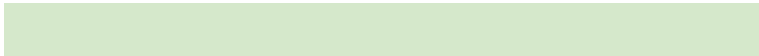
80.4549, 76.1287, 85.0961

Rectangle

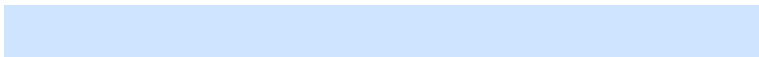
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1239, 76.1287, 62.4700



67.0019, 76.1287, 67.8496



71.5976, 76.1287, 107.3385



77.9923, 76.1287, 100.0062

Sweetspot

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



73.1259, 76.1321, 62.4716



90.8432, 95.3727, 95.8254



68.1461, 62.7133, 71.4759



19.3494, 20.3083, 20.2193



0.0000, 0.0000, 0.0000



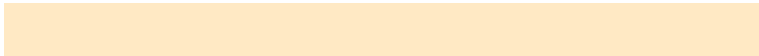
20.3446, 21.4041, 23.3091

Same Dimension

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



73.1259, 76.1321, 62.4716



80.2539, 83.2818, 64.2788



76.3669, 85.3663, 64.0832



16.5851, 17.3833, 16.6309



25.6107, 22.0194, 2.9003



2.2264, 2.0235, 0.2732

Inverse Universe

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



62.3265, 65.5997, 93.3819



66.1869, 69.5643, 104.5466



59.4917, 57.7881, 92.0235



15.3934, 16.2208, 20.0412



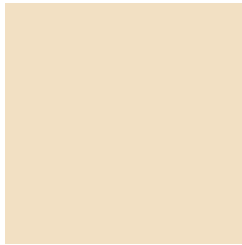
10.8185, 7.8613, 46.0751



0.9933, 0.8406, 3.8641

Previews

White Background



This preview shows how the XYZ color 73.1239, 76.1287, 62.4700 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 73.1239, 76.1287, 62.4700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

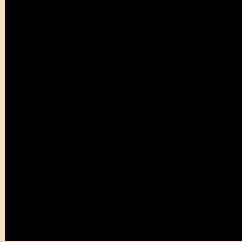
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

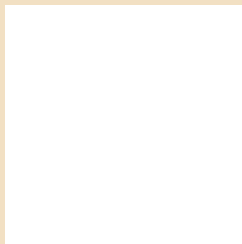
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.1239, 76.1287, 62.4700

Background



This preview shows how black text looks on a background with the XYZ color 73.1239, 76.1287, 62.4700.



This preview shows how white text looks on a background with the XYZ color 73.1239, 76.1287,

62.4700.

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

73.1239, 76.1287, 62.4700

Protanopia

72.0852, 76.3828, 63.1686

Deuteranopia

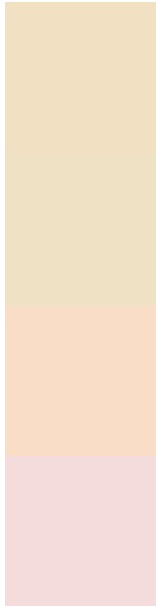
76.9968, 76.0932, 65.2729



Tritanopia

78.4246, 75.9151, 89.1169

Trichromacy



Original Color

73.1239, 76.1287, 62.4700

Protanomaly

72.4856, 76.1867, 63.1096

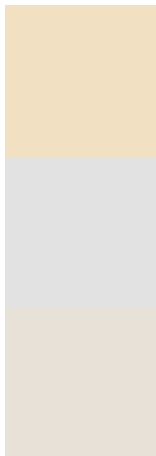
Deuteranomaly

75.4738, 76.1141, 64.1397

Tritanomaly

76.1677, 75.7662, 78.3200

Monochromacy



Original Color

73.1239, 76.1287, 62.4700

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.4697, 75.9125, 75.1230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1239, 76.1287, 62.4700 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, 224, 195)` looks like.

```
.text, #text, p{  
    color:rgb(242, 224, 195)  
}
```

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, 224, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 224, 195) }
```

Border

The CSS property to change the border of an element to XYZ 73.1239, 76.1287, 62.4700 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, 224, 195) }
```


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

```
.border{ border-color:rgb(242, 224, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 224, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 224, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 224, 195);  
box-shadow:4px 4px 4px 4px rgb(242, 224,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1239, 76.1287, 62.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 224, 195) }
```

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

```
.background{ background-color: rgb(242,  
224, 195) }
```

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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