

Converting Colors

XYZ(71.1738, 73.7222, 66.5685)

Have a look what the booklet for
XYZ(71.1738, 73.7222, 66.5685)
contains.

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Color

**XYZ(71.1092, 73.8100,
66.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDDCA
RGB	236, 221, 202
RGB Percent	93%, 87%, 79%
CMY	0.0745, 0.1333, 0.2078
CMYK	0.00, 0.06, 0.14, 0.07
HSL	34°, 47%, 86%
HSV	34°, 14%, 93%
XYZ	71.1092, 73.8100, 66.3760
YIQ	223.3190, 15.0390, -2.7290

Conversions

Conversions Part 2

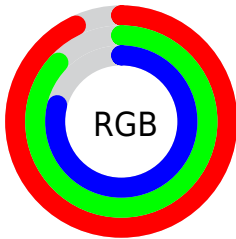
Format	Color
R _Y B	229, 236, 202
Decimal	15523274
CIE Lab	88.83, 2.04, 11.16
CIE LCh	89, 11.349, 79.638
Yxy	73.8100, 0.3365, 0.3493
Android (android.graphics.Color)	4293713354 (0xFFECDDCA)
YUV	223.3190, -10.5103, 11.1212
Hunter-Lab	85.9127, -2.6045, 14.3316

Details

The XYZ color **71.1092, 73.8100, 66.3760** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3101, 68.2371, 89.1392**, and the grayscale version is **70.4326, 74.1006, 80.6956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8039, 39.1139, 33.5742** is the 20% darker color. If you saturate the color by 10%, you get **65.8629, 67.4520, 51.8794**, and if you desaturate by 10%, it is **76.9573, 80.6863, 83.1832**.

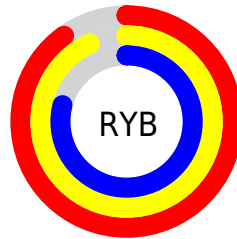
Distribution



Red (93%)

Green (87%)

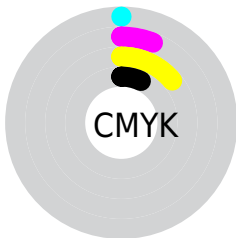
Blue (79%)



Red (90%)

Yellow (93%)

Blue (79%)

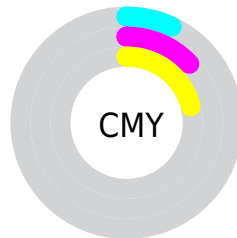


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1092, 73.8100, 66.3760 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 71.1092, 73.8100, 66.3760 by changing the saturation by 10% instead.

71.1092, 73.8100,
66.3760

71.1092, 73.8100,
66.3760

453.6410,
473.8174, 466.1613

52.7142, 54.6385,
48.1193

119.8069,
124.6264, 115.6580

37.8012, 39.1124,
33.5607

150.8402,
157.0402, 147.5203

26.0049, 26.8472,
22.2817

186.8171,
194.6369, 184.7549

16.9600, 17.4585,
13.8637

228.1027,
237.8008, 227.7804

10.3011, 10.5619,
7.8883

275.0626,
286.9164, 277.0152

5.6629, 5.7731,
3.9368

328.0620,

2.6799, 2.7076,

342.3681, 332.8779

1.5907

387.4664,
404.5403, 395.7871

■ 0.9868, 0.9811,
0.2842

■ 0.0000, 0.0000,
0.0000

■ 71.1092, 73.8100,
66.3760

■ 71.1092, 73.8100,
66.3760

■ 65.8629, 67.4520,
51.8794

■ 76.9573, 80.6863,
83.1832

■ 61.1900, 61.5887,
39.5857

■ 83.4223, 88.0842,
102.3928

■ 57.0685, 56.2086,
29.3859

■ 87.5257, 94.8196,
108.2967

■ 53.4725, 51.2963,
21.1592

■ 88.4024, 96.5730,
108.5889

■ 50.3735, 46.8349,
14.7728

■ 47.7401, 42.8064,
10.0771

■ 45.5358, 39.1905,
6.8985

■ 43.7169, 35.9638,
5.0252

■ 42.8319, 34.3121,
4.3654

Harmonies

Analogous

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



73.6333, 73.8100, 69.3747



71.1092, 73.8100, 66.3760



68.3927, 73.8100, 66.9354

Triad

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



71.1092, 73.8100, 66.3760



65.2927, 73.8100, 85.5624



74.2594, 73.8100, 90.5742

Complementary

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



71.1092, 73.8100, 66.3760



64.3101, 68.2371, 89.1392

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.



71.9457, 73.8100, 95.4840



71.1092, 73.8100, 66.3760



66.7864, 73.8100, 92.4621

Square

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



71.1092, 73.8100, 66.3760



65.0820, 73.8100, 77.6744



69.2078, 73.8100, 96.1966



75.4833, 73.8100, 83.1202

Rectangle

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



71.1092, 73.8100, 66.3760



66.8359, 73.8100, 69.2634



69.2078, 73.8100, 96.1966



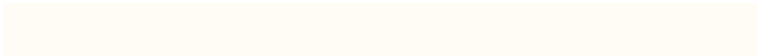
73.5806, 73.8100, 92.5970

Sweetspot

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



71.1112, 73.8133, 66.3776



92.0325, 96.5236, 100.0065



68.2769, 65.1003, 74.8184



19.5801, 20.5225, 21.0586



0.0000, 0.0000, 0.0000



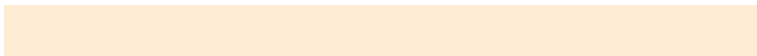
20.3446, 21.4041, 23.3091

Same Dimension

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



71.1112, 73.8133, 66.3776



83.0406, 85.9180, 74.2632



74.6872, 81.7992, 67.7305



15.7638, 16.4507, 15.8632



23.7408, 19.1757, 2.4500



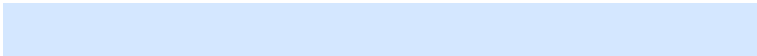
1.9598, 1.6970, 0.2243

Inverse Universe

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



64.3101, 68.2371, 89.1392



73.6120, 78.1879, 105.8197



61.0815, 61.0933, 87.9304



14.7779, 15.6423, 19.1626



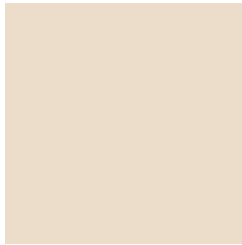
11.2034, 9.0539, 44.9000



0.9741, 0.8998, 3.5572

Previews

White Background



This preview shows how the XYZ color 71.1092, 73.8100, 66.3760 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 71.1092, 73.8100, 66.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

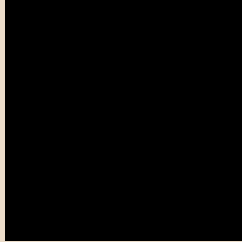
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.1092, 73.8100, 66.3760

Background



This preview shows how black text looks on a background with the XYZ color 71.1092, 73.8100, 66.3760.

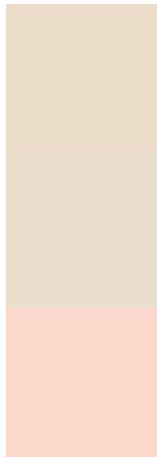


This preview shows how white text looks on a background with the XYZ color 71.1092, 73.8100,

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

71.1092, 73.8100, 66.3760

Protanopia

70.1795, 73.7102, 67.0285

Deuteranopia

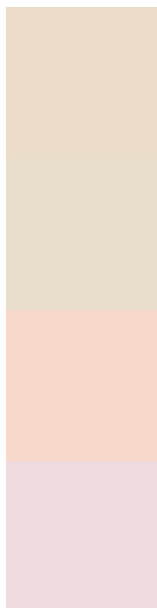
75.2248, 73.6081, 66.7429



Tritanopia

75.1990, 73.5202, 87.3182

Trichromacy



Original Color

71.1092, 73.8100, 66.3760

Protanomaly

70.5050, 73.8780, 67.0438

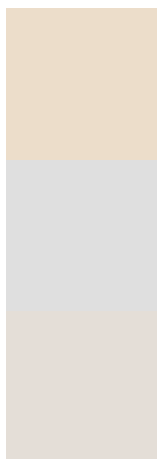
Deuteranomaly

73.5984, 73.5303, 66.8136

Tritanomaly

73.8528, 73.7675, 79.4533

Monochromacy



Original Color

71.1092, 73.8100, 66.3760

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.3819, 73.6428, 74.7949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1092, 73.8100, 66.3760 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(236, 221, 202)` looks like.

```
.text, #text, p{  
    color:rgb(236, 221, 202)  
}
```

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(236, 221, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 221, 202) }
```

Border

The CSS property to change the border of an element to XYZ 71.1092, 73.8100, 66.3760 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(236, 221, 202) }
```


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

```
.border{ border-color:rgb(236, 221, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 221, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 221, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 221, 202);  
box-shadow:4px 4px 4px 4px rgb(236, 221,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1092, 73.8100, 66.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 221, 202) }
```

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

```
.background{ background-color: rgb(236,  
221, 202) }
```

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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