

Converting Colors

XYZ(71.4379, 78.4594, 57.3905)

Have a look what the booklet for
XYZ(71.4379, 78.4594, 57.3905)
contains.

XYZ(71.5453, 78.7084, 57.3203)	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(71.5453, 78.7084,
57.3203)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE8B9
RGB	234, 232, 185
RGB Percent	92%, 91%, 73%
CMY	0.0823, 0.0902, 0.2745
CMYK	0.00, 0.01, 0.21, 0.08
HSL	58°, 54%, 82%
HSV	58°, 21%, 92%
XYZ	71.5453, 78.7084, 57.3203
YIQ	227.2400, 16.2790, -14.1930

Conversions

Conversions Part 2

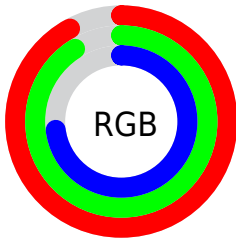
Format	Color
R _Y B	187, 234, 185
Decimal	15395001
CIE Lab	91.10, -6.82, 23.17
CIE LCh	91, 24.150, 106.392
Yxy	78.7084, 0.3447, 0.3792
Android (android.graphics.Color)	4293585081 (0xFFEAE8B9)
YUV	227.2400, -20.8243, 5.9285
Hunter-Lab	88.7178, -11.3070, 23.7953

Details

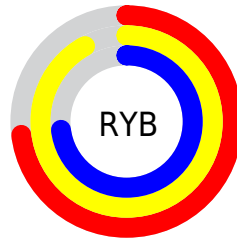
The XYZ color **71.5453, 78.7084, 57.3203** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **52.6291, 51.7945, 85.0660**, and the grayscale version is **73.3286, 77.1474, 84.0135**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **38.0503, 42.1816, 27.9662** is the 20% darker color. If you saturate the color by 10%, you get **69.0090, 77.2686, 45.2743**, and if you desaturate by 10%, it is **74.4938, 80.3208, 71.5114**.

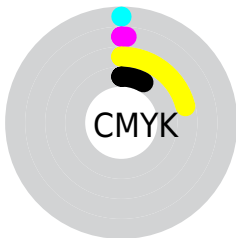
Distribution



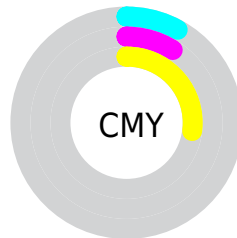
- Red (92%)
- Green (91%)
- Blue (73%)



- Red (73%)
- Yellow (92%)
- Blue (73%)



- Cyan (0%)
- Magenta (1%)
- Yellow (21%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5453, 78.7084, 57.3203 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 71.5453, 78.7084, 57.3203 by changing the saturation by 10% instead.

■ 71.5453, 78.7084,
57.3203

■ 71.5453, 78.7084,
57.3203

455.1396,
490.5693, 432.1757

■ 53.0715, 58.6561,
40.8514

■ 120.4242,
131.5483, 102.4374

■ 38.0875, 42.3363,
27.8841

151.5599,
165.1046, 131.9226

■ 26.2281, 29.3647,
18.0001

187.6469,
203.9311, 166.5837

■ 17.1280, 19.3569,
10.7806

229.0507,
248.4121, 206.8391

■ 10.4216, 11.9285,
5.8072

276.1364,
298.9320, 253.1075

■ 5.7438, 6.6950,
2.6613

329.2696,

■ 2.7291, 3.2721,

355.8753, 305.8074

0.9239

388.8156,
419.6262, 365.3573

■ 1.0122, 1.2754,
0.0000

■ 0.0000, 0.1220,
0.0000

■ 71.5453, 78.7084,
57.3203

■ 71.5453, 78.7084,
57.3203

■ 69.0090, 77.2686,
45.2743

■ 74.4938, 80.3208,
71.5114

■ 66.8587, 75.9828,
35.2637

■ 77.8669, 82.1027,
87.9400

■ 65.0752, 74.8461,
27.1768

■ 81.6514, 84.0514,
106.5278

■ 63.6347, 73.8488,
20.8889

■ 81.9247, 84.5981,
106.6189

■ 62.5107, 72.9805,
16.2611

■ 82.1995, 85.1476,
106.7105

■ 61.6730, 72.2291,
13.1337

■ 82.4757, 85.7001,
106.8026

■ 61.0854, 71.5799,
11.3161

■ 82.7534, 86.2555,
106.8952

■ 60.7150, 71.0585,
10.5157

■ 83.0326, 86.8139,
106.9882

■ 83.3133, 87.3752,
107.0818

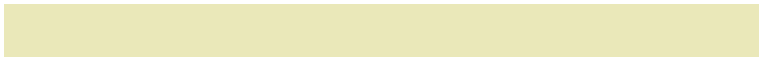
Harmonies

Analogous

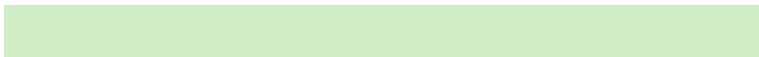
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6064, 78.7084, 56.9975



71.5453, 78.7084, 57.3203



66.6267, 78.7084, 64.5376

Triad

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



71.5453, 78.7084, 57.3203



67.0008, 78.7084, 112.4252



86.8112, 78.7084, 93.8570

Complementary

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



71.5453, 78.7084, 57.3203



52.6291, 51.7945, 85.0660

Split Complementary

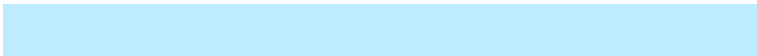
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.6372, 78.7084, 111.0464



71.5453, 78.7084, 57.3203



72.0815, 78.7084, 122.7109

Square

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



71.5453, 78.7084, 57.3203



64.1023, 78.7084, 95.5438



78.1725, 78.7084, 122.1745



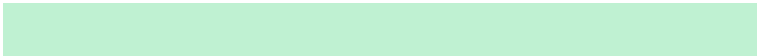
86.6482, 78.7084, 76.5568

Rectangle

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



71.5453, 78.7084, 57.3203



64.5593, 78.7084, 72.9272



78.1725, 78.7084, 122.1745



86.0920, 78.7084, 99.8834

Sweetspot

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



71.5474, 78.7119, 57.3220



92.4852, 98.6566, 96.3727



60.2994, 55.7985, 54.8598



19.7384, 21.0863, 20.3490



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.



71.5474, 78.7119, 57.3220



85.6090, 94.9076, 63.2415



65.3176, 76.3388, 57.1923



16.2963, 17.5156, 16.0407



34.1417, 39.9777, 5.9170



2.6973, 3.1720, 0.4701

Inverse Universe

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



52.6291, 51.7945, 85.0660



58.8562, 56.8437, 102.4776



57.9473, 53.9121, 85.1945



14.2804, 14.6472, 18.9968



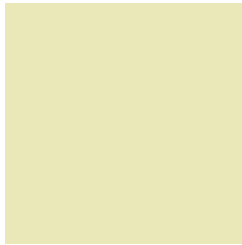
8.4256, 3.4983, 43.9741



0.6790, 0.3095, 3.4588

Previews

White Background



This preview shows how the XYZ color 71.5453, 78.7084, 57.3203 looks on a white background.

Color Contrast Check

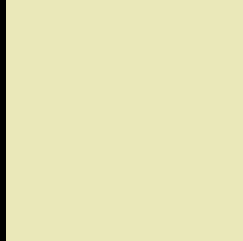
Large Text (above 18pt) WCAG AA × Fail

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 71.5453, 78.7084, 57.3203 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

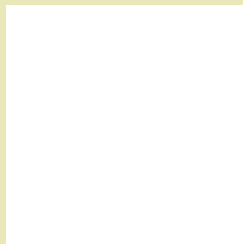
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5453, 78.7084, 57.3203

Background



This preview shows how black text looks on a background with the XYZ color 71.5453, 78.7084, 57.3203.

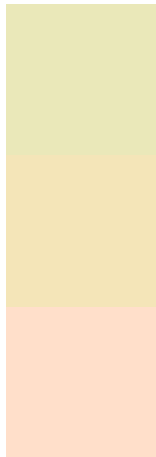


This preview shows how white text looks on a background with the XYZ color 71.5453, 78.7084,

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

71.5453, 78.7084, 57.3203

Protanopia

73.9793, 78.7324, 56.6451

Deuteranopia

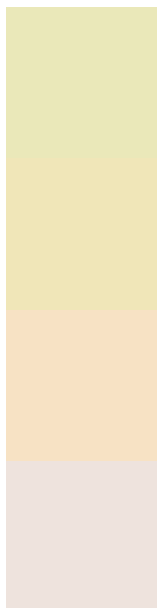
78.2883, 78.2996, 66.8642



Tritanopia

78.9583, 78.4229, 94.9800

Trichromacy



Original Color

71.5453, 78.7084, 57.3203

Protanomaly

72.8837, 78.5796, 56.6734

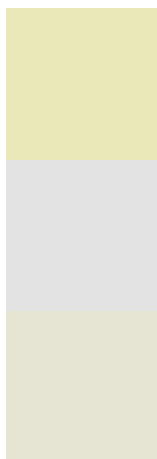
Deuteranomaly

75.5179, 78.1524, 63.3292

Tritanomaly

75.7801, 78.3358, 79.5329

Monochromacy



Original Color

71.5453, 78.7084, 57.3203

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.5361, 77.6151, 73.4455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5453, 78.7084, 57.3203 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(234, 232, 185)` looks like.

```
.text, #text, p{  
    color:rgb(234, 232, 185)  
}
```

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(234, 232, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 232, 185) }
```

Border

The CSS property to change the border of an element to XYZ 71.5453, 78.7084, 57.3203 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(234, 232, 185) }
```


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

```
.border{ border-color:rgb(234, 232, 185) }
```

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

Here you see how a box with a 4 pixel rgb(234, 232, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 232, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 232, 185);  
box-shadow:4px 4px 4px 4px rgb(234, 232,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5453, 78.7084, 57.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 232, 185) }
```

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

```
.background{ background-color: rgb(234,  
232, 185) }
```

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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