

Converting Colors

XYZ(73.8205, 77.9506, 51.1996)

Have a look what the booklet for
XYZ(73.8205, 77.9506, 51.1996)
contains.

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Color

**XYZ(73.8205, 77.9506,
51.1996)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E3AE
RGB	248, 227, 174
RGB Percent	97%, 89%, 68%
CMY	0.0274, 0.1098, 0.3176
CMYK	0.00, 0.08, 0.30, 0.03
HSL	43°, 84%, 83%
HSV	43°, 30%, 97%
XYZ	73.8205, 77.9506, 51.1996
YIQ	227.2370, 29.5290, -12.0310

Conversions

Conversions Part 2

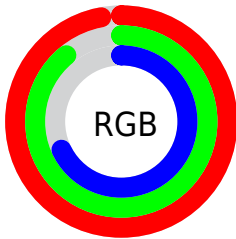
Format	Color
R _Y B	203, 248, 174
Decimal	16311214
CIE Lab	90.76, -0.56, 28.54
CIE LCh	91, 28.545, 91.120
Yxy	77.9506, 0.3637, 0.3840
Android (android.graphics.Color)	4294501294 (0xFFF8E3AE)
YUV	227.2370, -26.2458, 18.2092
Hunter-Lab	88.2896, -5.2599, 27.4202

Details

The XYZ color **73.8205, 77.9506, 51.1996** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.9136, 54.8048, 96.5441**, and the grayscale version is **73.3578, 77.1782, 84.0470**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **39.6896, 41.9619, 24.0967** is the 20% darker color. If you saturate the color by 10%, you get **69.7379, 73.3036, 38.9918**, and if you desaturate by 10%, it is **78.4322, 82.9406, 65.7877**.

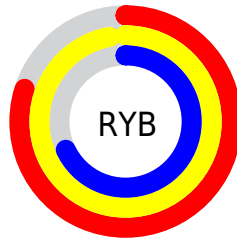
Distribution



Red (97%)

Green (89%)

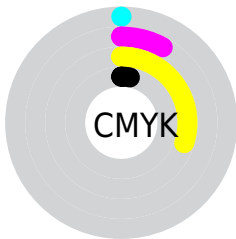
Blue (68%)



Red (80%)

Yellow (97%)

Blue (68%)

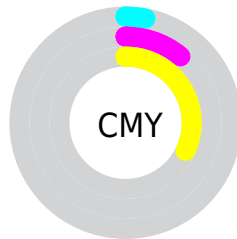


Cyan (0%)

Magenta (8%)

Yellow (30%)

Black (3%)



Cyan (3%)

Magenta (11%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8205, 77.9506, 51.1996 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 73.8205, 77.9506, 51.1996 by changing the saturation by 10% instead.

73.8205, 77.9506,
51.1996

73.8205, 77.9506,
51.1996

462.9135,
487.9990, 408.2075

54.9379, 58.0334,
35.9897

123.6382,
130.4805, 93.3643

39.5856, 41.8355,
24.1366

155.3040,
163.8620, 121.1561

27.3984, 28.9725,
15.2218

191.9616,
202.5003, 153.9789

18.0108, 19.0600,
8.8269

233.9763,
246.7799, 192.2513

11.0575, 11.7137,
4.5332

281.7135,
297.0852, 236.3918

6.1731, 6.5490,
1.9222

335.5385,

2.9923, 3.1817,

353.8006, 286.8190

0.5068

395.8167,
417.3104, 343.9514

■ 1.1497, 1.2273,
0.0000

■ 0.0661, 0.0838,
0.0000

■ 73.8205, 77.9506,
51.1996

■ 73.8205, 77.9506,
51.1996

■ 69.7379, 73.3036,
38.9918

■ 78.4322, 82.9406,
65.7877

■ 66.1528, 68.9773,
29.0296

■ 83.5907, 88.2738,
82.8712

■ 63.0393, 64.9624,
21.1723

■ 89.3199, 93.9640,
102.5636

■ 60.3664, 61.2451,
15.2609

■ 92.5215, 98.6965,
108.7817

■ 58.0987, 57.8097,
11.1141

■ 56.1942, 54.6376,
8.5155

■ 54.5852, 51.7003,
7.1137

■ 54.5603, 51.6541,
7.0946

Harmonies

Analogous

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



80.9505, 77.9506, 54.7807



73.8205, 77.9506, 51.1996



67.1896, 77.9506, 55.3593

Triad

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



73.8205, 77.9506, 51.1996



62.9017, 77.9506, 106.9633



86.8307, 77.9506, 105.4109

Complementary

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



73.8205, 77.9506, 51.1996



53.9136, 54.8048, 96.5441

Split Complementary

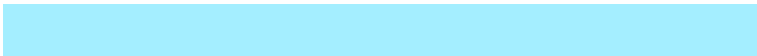
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4468, 77.9506, 123.3669



73.8205, 77.9506, 51.1996



67.6279, 77.9506, 124.3601

Square

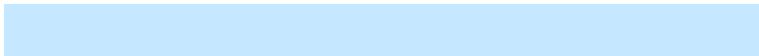
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8205, 77.9506, 51.1996



61.1416, 77.9506, 85.6492



74.3596, 77.9506, 130.7935



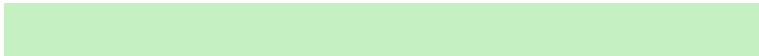
88.7479, 77.9506, 84.1054

Rectangle

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



73.8205, 77.9506, 51.1996



63.8662, 77.9506, 62.4232



74.3596, 77.9506, 130.7935



85.3499, 77.9506, 112.1523

Sweetspot

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



73.8225, 77.9542, 51.2012



89.5305, 94.5248, 89.9075



63.8348, 54.2241, 59.4468



18.9823, 20.0490, 18.6327



0.0000, 0.0000, 0.0000



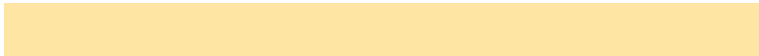
20.3446, 21.4041, 23.3091

Same Dimension

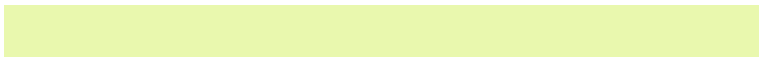
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8225, 77.9542, 51.2012



75.8757, 79.9254, 46.1724



74.8776, 87.5486, 52.9975



18.2869, 19.3096, 18.2257



29.5987, 28.1541, 3.8743



2.8314, 2.7877, 0.3888

Inverse Universe

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



53.9136, 54.8048, 96.5441



51.4455, 51.5283, 101.8422



53.0169, 47.8437, 95.2477



16.6840, 17.4448, 21.8731



10.4505, 6.2565, 48.6304



1.0538, 0.7513, 4.5327

Previews

White Background



This preview shows how the XYZ color 73.8205, 77.9506, 51.1996 looks on a white background.

Color Contrast Check

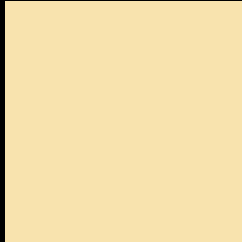
Large Text (above 18pt) WCAG AA × Fail

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 73.8205, 77.9506, 51.1996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

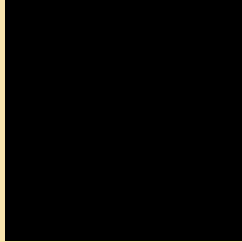
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8205, 77.9506, 51.1996

Background



This preview shows how black text looks on a background with the XYZ color 73.8205, 77.9506, 51.1996.



This preview shows how white text looks on a background with the XYZ color 73.8205, 77.9506,

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

73.8205, 77.9506, 51.1996

Protanopia

72.7895, 77.8150, 51.7408

Deuteranopia

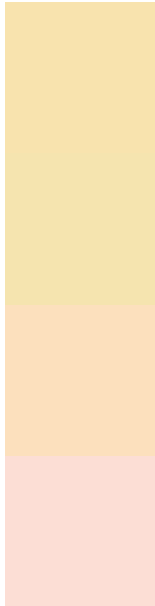
77.7057, 78.0666, 63.7961



Tritanopia

81.7118, 77.9792, 90.1017

Trichromacy



Original Color

73.8205, 77.9506, 51.1996

Protanomaly

73.1375, 77.9944, 51.7571

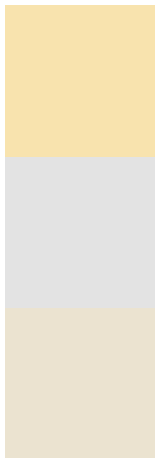
Deuteranomaly

75.9858, 77.6809, 59.1331

Tritanomaly

78.2764, 77.7421, 73.8309

Monochromacy



Original Color

73.8205, 77.9506, 51.1996

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1152, 77.1544, 70.7132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8205, 77.9506, 51.1996 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(248, 227, 174)` looks like.

```
.text, #text, p{  
    color:rgb(248, 227, 174)  
}
```

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(248, 227, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 227, 174) }
```

Border

The CSS property to change the border of an element to XYZ 73.8205, 77.9506, 51.1996 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(248, 227, 174) }
```


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

```
.border{ border-color:rgb(248, 227, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 227, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 227, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 227, 174); box-shadow:4px 4px 4px 4px rgb(248, 227, 174) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8205, 77.9506, 51.1996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 227, 174) }
```

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

```
.background{ background-color: rgb(248,  
227, 174) }
```

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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