

Converting Colors

XYZ(77.7533, 80.1165, 73.3537)

Have a look what the booklet for
XYZ(77.7533, 80.1165, 73.3537)
contains.

XYZ(77.9090, 80.3849, 73.6969) 3

- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(77.9090, 80.3849,
73.6969)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E5D4
RGB	246, 229, 212
RGB Percent	96%, 90%, 83%
CMY	0.0353, 0.1019, 0.1686
CMYK	0.00, 0.07, 0.14, 0.04
HSL	30°, 65%, 90%
HSV	30°, 14%, 96%
XYZ	77.9090, 80.3849, 73.6969
YIQ	232.1450, 15.5890, -1.6830

Conversions

Conversions Part 2

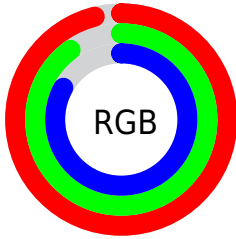
Format	Color
R _Y B	246, 246, 212
Decimal	16180692
CIE Lab	91.86, 3.03, 10.36
CIE LCh	92, 10.795, 73.678
Yxy	80.3849, 0.3358, 0.3465
Android (android.graphics.Color)	4294370772 (0xFFFF6E5D4)
YUV	232.1450, -9.9315, 12.1508
Hunter-Lab	89.6576, -1.7913, 14.0251

Details

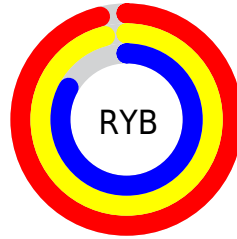
The XYZ color **77.9090, 80.3849, 73.6969** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.8049, 76.6879, 98.2072**, and the grayscale version is **76.8760, 80.8795, 88.0778**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4571, 43.6536, 38.0865** is the 20% darker color. If you saturate the color by 10%, you get **71.7570, 72.6740, 57.4849**, and if you desaturate by 10%, it is **84.7792, 88.7741, 92.4828**.

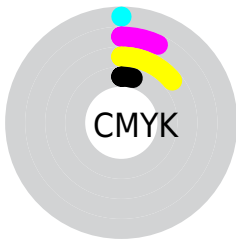
Distribution



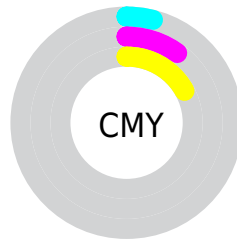
- Red (96%)
- Green (90%)
- Blue (83%)



- Red (96%)
- Yellow (96%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9090, 80.3849, 73.6969 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 77.9090, 80.3849, 73.6969 by changing the saturation by 10% instead.

77.9090, 80.3849,
73.6969

77.9090, 80.3849,
73.6969

476.7023,
496.2290, 492.5620

58.3018, 60.0351,
54.0507

129.3879,
133.9067, 126.1961

42.2955, 43.4470,
38.2488

161.9902,
167.8476, 159.8862

29.5249, 30.2360,
25.8725

199.6550,
207.0877, 199.0947

19.6245, 20.0178,
16.5034

242.7475,
252.0112, 244.2402

12.2291, 12.4080,
9.7228

291.6331,
303.0028, 295.7411

6.9732, 7.0222,
5.1124

346.6772,

3.4915, 3.4760,

360.4467, 354.0160

2.2535

408.2451,
424.7273, 419.4834

■ 1.4187, 1.3850,
0.7050

■ 0.2695, 0.2056,
0.0000

■ 77.9090, 80.3849,
73.6969

■ 77.9090, 80.3849,
73.6969

■ 71.7570, 72.6740,
57.4849

■ 84.7792, 88.7741,
92.4828

■ 66.2905, 65.6124,
43.7277

■ 91.3711, 97.4425,
108.6003

■ 61.4835, 59.1840,
32.3044

■ 91.8164, 98.3330,
108.7487

■ 57.3058, 53.3684,
23.0817

■ 53.7242, 48.1436,
15.9125

■ 50.7022, 43.4857,
10.6318

■ 48.1978, 39.3685,
7.0484

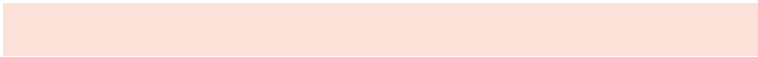
■ 46.1611, 35.7621,
4.9293

■ 45.0936, 33.7674,
4.1411

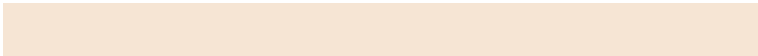
Harmonies

Analogous

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



80.3177, 80.3849, 77.4152



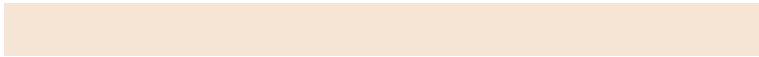
77.9090, 80.3849, 73.6969



75.1518, 80.3849, 73.5347

Triad

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



77.9090, 80.3849, 73.6969



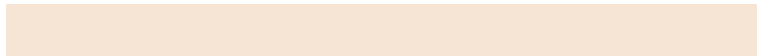
71.3478, 80.3849, 91.1795



80.1383, 80.3849, 99.0189

Complementary

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



77.9090, 80.3849, 73.6969



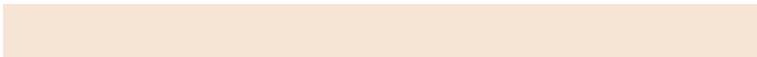
71.8049, 76.6879, 98.2072

Split Complementary

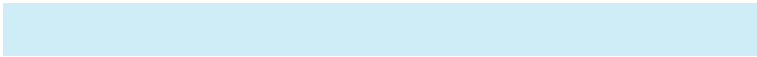
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.6689, 80.3849, 103.1871



77.9090, 80.3849, 73.6969



72.6184, 80.3849, 98.4798

Square

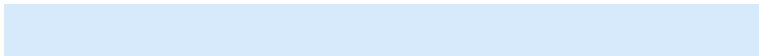
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.9090, 80.3849, 73.6969



71.4086, 80.3849, 83.3112



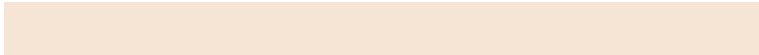
74.9174, 80.3849, 102.9840



81.6259, 80.3849, 91.8796

Rectangle

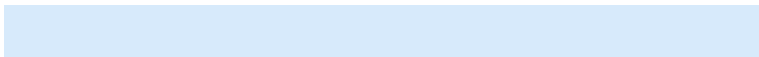
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.9090, 80.3849, 73.6969



73.4899, 80.3849, 75.4438



74.9174, 80.3849, 102.9840



79.3930, 80.3849, 100.8327

Sweetspot

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



77.9112, 80.3885, 73.6986



91.8459, 96.1503, 99.9443



75.6933, 72.3380, 84.1028



19.5329, 20.4280, 21.0429



0.0000, 0.0000, 0.0000



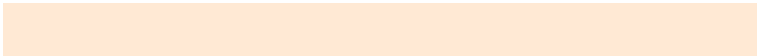
20.3446, 21.4041, 23.3091

Same Dimension

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



77.9112, 80.3885, 73.6986



82.3122, 84.4612, 74.0204



82.8463, 90.2586, 75.3436



17.1839, 17.8519, 17.3376



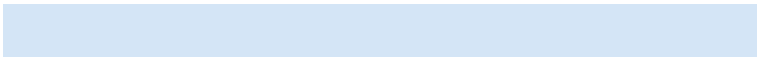
24.2093, 18.3043, 2.2571



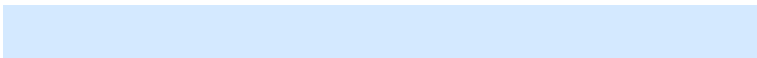
2.2305, 1.8143, 0.2326

Inverse Universe

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



71.8049, 76.6879, 98.2072



74.3299, 79.6237, 106.0591



67.3304, 67.7390, 96.7157



16.2656, 17.2954, 21.0236



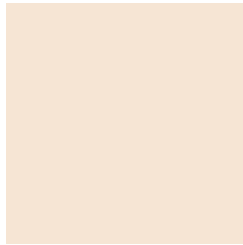
12.7976, 11.3889, 48.0618



1.2275, 1.2065, 4.2584

Previews

White Background



This preview shows how the XYZ color 77.9090, 80.3849, 73.6969 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 77.9090, 80.3849, 73.6969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

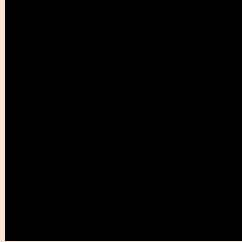
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9090, 80.3849, 73.6969

Background



This preview shows how black text looks on a background with the XYZ color 77.9090, 80.3849, 73.6969.



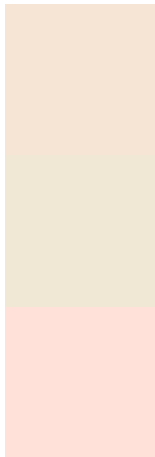
This preview shows how white text looks on a background with the XYZ color 77.9090, 80.3849,

73.6969.

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

77.9090, 80.3849, 73.6969

Protanopia

76.5213, 80.4812, 74.4521

Deuteranopia

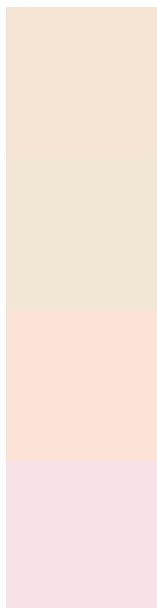
80.6896, 80.1202, 76.8576



Tritanopia

82.3766, 80.5852, 95.2172

Trichromacy



Original Color

77.9090, 80.3849, 73.6969

Protanomaly

76.9250, 80.2750, 74.3910

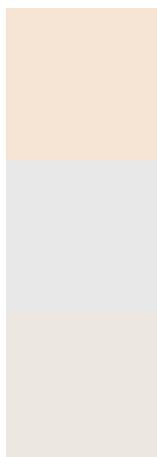
Deuteranomaly

79.6070, 79.9945, 75.5347

Tritanomaly

80.6871, 80.3020, 86.8485

Monochromacy



Original Color

77.9090, 80.3849, 73.6969

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.0916, 80.5926, 82.7269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9090, 80.3849, 73.6969 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(246, 229, 212) looks like.

```
.text, #text, p{  
    color:rgb(246, 229, 212)  
}
```

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(246, 229, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 229, 212) }
```

Border

The CSS property to change the border of an element to XYZ 77.9090, 80.3849, 73.6969 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(246, 229, 212) }
```


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

```
.border{ border-color:rgb(246, 229, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 229, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 229, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 229, 212);  
box-shadow:4px 4px 4px 4px rgb(246, 229,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9090, 80.3849, 73.6969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 229, 212) }
```

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

```
.background{ background-color: rgb(246,  
229, 212) }
```

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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