

Converting Colors

XYZ(77.2959, 80.9097, 73.1712)

Have a look what the booklet for
XYZ(77.2959, 80.9097, 73.1712)
contains.

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Color

**XYZ(77.2959, 80.9097,
73.1712)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E7D3
RGB	243, 231, 211
RGB Percent	95%, 91%, 83%
CMY	0.0471, 0.0941, 0.1725
CMYK	0.00, 0.05, 0.13, 0.05
HSL	38°, 57%, 89%
HSV	38°, 13%, 95%
XYZ	77.2959, 80.9097, 73.1712
YIQ	232.3080, 13.5720, -3.6760

Conversions

Conversions Part 2

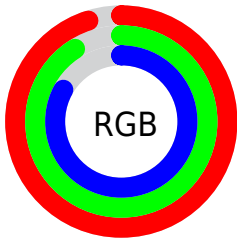
Format	Color
RYB	230, 243, 211
Decimal	15984595
CIELab	92.09, 0.79, 11.18
CIElCh	92, 11.211, 85.940
Yxy	80.9097, 0.3341, 0.3497
Android (android.graphics.Color)	4294174675 (0xFFFF3E7D3)
YUV	232.3080, -10.5048, 9.3769
Hunter-Lab	89.9498, -4.0231, 14.7344

Details

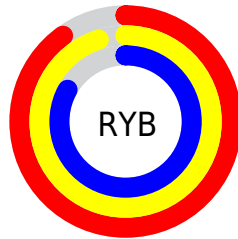
The XYZ color **77.2959, 80.9097, 73.1712** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.4289, 73.0937, 95.2438**, and the grayscale version is **77.0034, 81.0136, 88.2238**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8242, 43.6250, 37.6686** is the 20% darker color. If you saturate the color by 10%, you get **71.9941, 74.8179, 57.4932**, and if you desaturate by 10%, it is **83.1953, 87.4582, 91.3223**.

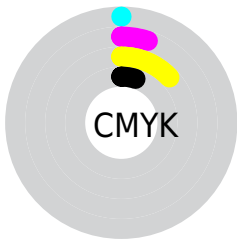
Distribution



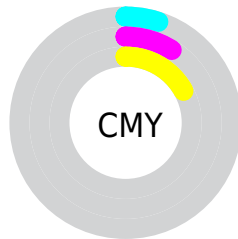
- Red (95%)
- Green (91%)
- Blue (83%)



- Red (90%)
- Yellow (95%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (13%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2959, 80.9097, 73.1712 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 77.2959, 80.9097, 73.1712 by changing the saturation by 10% instead.

77.2959, 80.9097,
73.1712

77.2959, 80.9097,
73.1712

474.6488,
497.9933, 490.6946

57.7965, 60.4672,
53.6233

128.5277,
134.6440, 125.4434

41.8877, 43.7953,
37.9094

160.9909,
168.7046, 159.0047

29.2041, 30.5097,
25.6111

198.5060,
208.0733, 198.0743

19.3803, 20.2257,
16.3098

241.4385,
253.1346, 243.0707

12.0511, 12.5592,
9.5869

290.1536,
304.2729, 294.4124

6.8509, 7.1258,
5.0239

345.0168,

3.4145, 3.5409,

361.8725, 352.5179

2.2023

406.3934,
426.3178, 417.8058

■ 1.3766, 1.4202,
0.6757

■ 0.2394, 0.2315,
0.0000

■ 77.2959, 80.9097,
73.1712

■ 77.2959, 80.9097,
73.1712

■ 71.9941, 74.8179,
57.4932

■ 83.1953, 87.4582,
91.3223

■ 67.2608, 69.1600,
44.1741

■ 88.9572, 94.1645,
108.0948

■ 63.0740, 63.9264,
33.0980

■ 90.7724, 97.7948,
108.6998

■ 59.4075, 59.1035,
24.1374

■ 56.2325, 54.6762,
17.1517

■ 53.5171, 50.6283,
11.9832

■ 51.2245, 46.9414,
8.4496

■ 49.3106, 43.5942,
6.3297

■ 48.1765, 41.4831,
5.4679

Harmonies

Analogous

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



80.0533, 80.9097, 75.5715



77.2959, 80.9097, 73.1712



74.4994, 80.9097, 74.5599

Triad

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



77.2959, 80.9097, 73.1712



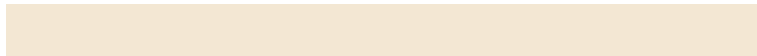
72.0176, 80.9097, 95.2359



81.5934, 80.9097, 97.3041

Complementary

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



77.2959, 80.9097, 73.1712



69.4289, 73.0937, 95.2438

Split Complementary

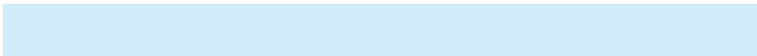
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3562, 80.9097, 103.1806



77.2959, 80.9097, 73.1712



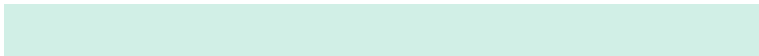
73.8350, 80.9097, 101.9351

Square

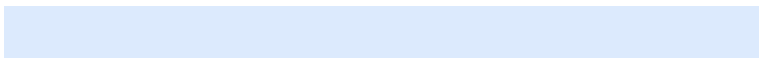
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



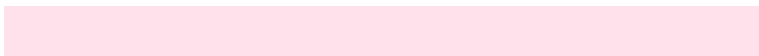
77.2959, 80.9097, 73.1712



71.4968, 80.9097, 86.9762



76.5099, 80.9097, 104.9257



82.5734, 80.9097, 89.2272

Rectangle

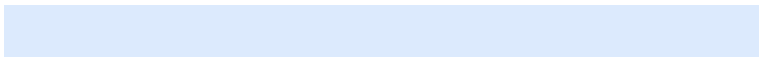
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.2959, 80.9097, 73.1712



72.9817, 80.9097, 77.4973



76.5099, 80.9097, 104.9257



80.9608, 80.9097, 99.6215

Sweetspot

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



77.2981, 80.9133, 73.1729



92.2433, 96.9451, 100.0767



73.6125, 70.9864, 79.8236



19.6335, 20.6293, 21.0764



0.0000, 0.0000, 0.0000



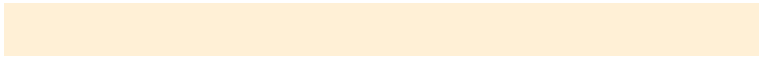
20.3446, 21.4041, 23.3091

Same Dimension

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



77.2981, 80.9133, 73.1729



84.4769, 88.2727, 76.3383



79.4959, 87.2022, 74.2710



17.3623, 18.2087, 17.3971



26.5746, 23.0348, 3.0455



2.4342, 2.2216, 0.3005

Inverse Universe

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



69.4289, 73.0937, 95.2438



73.9961, 77.8585, 105.7359



67.4190, 67.4675, 94.2638



16.0901, 16.9444, 20.9651



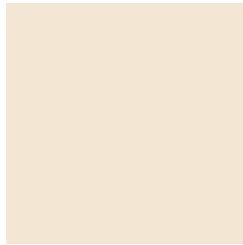
11.0551, 7.9041, 47.4810



1.0670, 0.8854, 4.2049

Previews

White Background



This preview shows how the XYZ color 77.2959, 80.9097, 73.1712 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 77.2959, 80.9097, 73.1712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

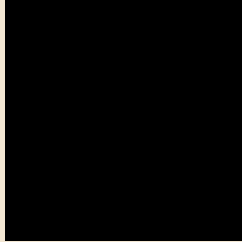
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.2959, 80.9097, 73.1712

Background



This preview shows how black text looks on a background with the XYZ color 77.2959, 80.9097, 73.1712.

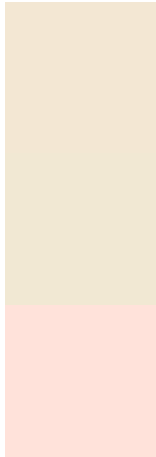


This preview shows how white text looks on a background with the XYZ color 77.2959, 80.9097,

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

77.2959, 80.9097, 73.1712

Protanopia

76.8901, 81.1171, 73.2326

Deuteranopia

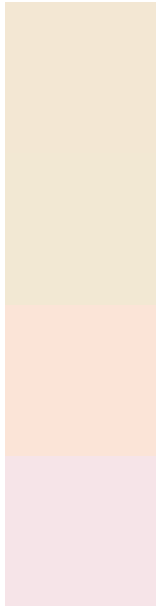
81.0912, 80.7147, 77.6352



Tritanopia

82.2369, 80.8808, 96.8652

Trichromacy



Original Color

77.2959, 80.9097, 73.1712

Protanomaly

77.2324, 81.2936, 73.2487

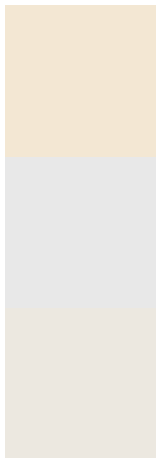
Deuteranomaly

79.7928, 80.9023, 75.7002

Tritanomaly

80.3149, 80.9058, 87.7273

Monochromacy



Original Color

77.2959, 80.9097, 73.1712

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.9032, 80.9279, 82.0884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2959, 80.9097, 73.1712 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(243, 231, 211)` looks like.

```
.text, #text, p{  
    color:rgb(243, 231, 211)  
}
```

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(243, 231, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 231, 211) }
```

Border

The CSS property to change the border of an element to XYZ 77.2959, 80.9097, 73.1712 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(243, 231, 211) }
```


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

```
.border{ border-color:rgb(243, 231, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 231, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 231, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 231, 211);  
box-shadow:4px 4px 4px 4px rgb(243, 231,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2959, 80.9097, 73.1712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 231, 211) }
```

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

```
.background{ background-color: rgb(243,  
231, 211) }
```

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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