

Converting Colors

XYZ(74.5292, 77.2695, 74.2969)

Have a look what the booklet for
XYZ(74.5292, 77.2695, 74.2969)
contains.

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Color

**XYZ(74.5939, 77.4249,
74.6313)**

Conversions

Conversions Part 1

Format	Color
Hex	EEE2D6
RGB	238, 226, 214
RGB Percent	93%, 89%, 84%
CMY	0.0667, 0.1137, 0.1608
CMYK	0.00, 0.05, 0.10, 0.07
HSL	30°, 41%, 89%
HSV	30°, 10%, 93%
XYZ	74.5939, 77.4249, 74.6313
YIQ	228.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

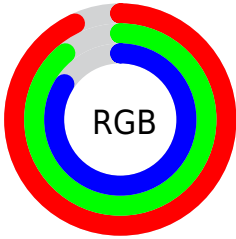
Format	Color
R _Y B	238, 238, 214
Decimal	15655638
CIE Lab	90.52, 2.08, 7.31
CIE LCh	91, 7.600, 74.129
Yxy	77.4249, 0.3291, 0.3416
Android (android.graphics.Color)	4293845718 (0xFFEEE2D6)
YUV	228.2200, -7.0105, 8.5771
Hunter-Lab	87.9914, -2.6633, 11.3063

Details

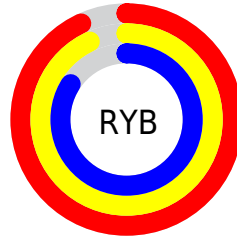
The XYZ color **74.5939, 77.4249, 74.6313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3604, 74.8607, 91.6310**, and the grayscale version is **73.9497, 77.8008, 84.7251**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1123, 41.5741, 38.7113** is the 20% darker color. If you saturate the color by 10%, you get **68.6510, 70.0527, 58.7340**, and if you desaturate by 10%, it is **81.2097, 85.4305, 92.9458**.

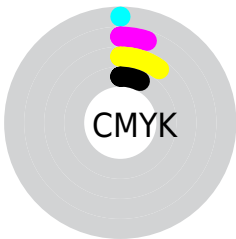
Distribution



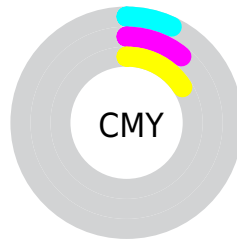
- Red (93%)
- Green (89%)
- Blue (84%)



- Red (93%)
- Yellow (93%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5939, 77.4249, 74.6313 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 74.5939, 77.4249, 74.6313 by changing the saturation by 10% instead.

74.5939, 77.4249,
74.6313

74.5939, 77.4249,
74.6313

465.5393,
486.2115, 495.8709

55.5733, 57.6017,
54.8110

124.7283,
129.7391, 127.5326

40.0965, 41.4885,
38.8528

156.5728,
162.9989, 161.4507

27.7984, 28.7010,
26.3383

193.4227,
201.5062, 200.9051

18.3134, 18.8547,
16.8489

235.6432,
245.6457, 246.3143

11.2763, 11.5654,
9.9660

283.5998,
295.8015, 298.0970

6.3216, 6.4485,
5.2711

337.6577,

3.0841, 3.1196,

352.3582, 356.6716

2.3457

398.1825,
415.7000, 422.4568

■ 1.1984, 1.1945,
0.7566

■ 0.1051, 0.0572,
0.0000

■ 74.5939, 77.4249,
74.6313

■ 74.5939, 77.4249,
74.6313

■ 68.6510, 70.0527,
58.7340

■ 81.2097, 85.4305,
92.9458

■ 63.3509, 63.2869,
45.1464

■ 87.4330, 93.6427,
108.0744

■ 58.6705, 57.1134,
33.7602

■ 89.0703, 96.9174,
108.6202

■ 54.5827, 51.5136,
24.4565

■ 51.0581, 46.4679,
17.1049

■ 48.0641, 41.9548,
11.5599

■ 45.5642, 37.9513,
7.6557

■ 43.5158, 34.4311,
5.1949

■ 41.8623, 31.3812,
3.8508

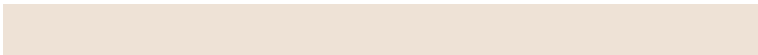
Harmonies

Analogous

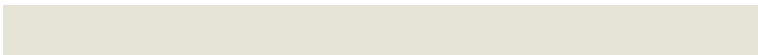
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2443, 77.4249, 77.2235



74.5939, 77.4249, 74.6313



72.7016, 77.4249, 74.5554

Triad

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



74.5939, 77.4249, 74.6313



70.1029, 77.4249, 86.8832



76.1639, 77.4249, 92.0398

Complementary

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



74.5939, 77.4249, 74.6313



70.3604, 74.8607, 91.6310

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.



74.4857, 77.4249, 94.8642



74.5939, 77.4249, 74.6313



70.9982, 77.4249, 91.8015

Square

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



74.5939, 77.4249, 74.6313



70.1307, 77.4249, 81.4728



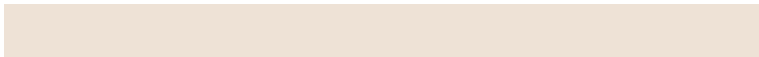
72.5952, 77.4249, 94.7752



77.1613, 77.4249, 87.1971

Rectangle

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



74.5939, 77.4249, 74.6313



71.5588, 77.4249, 75.9328



72.5952, 77.4249, 94.7752



75.6594, 77.4249, 93.2658

Sweetspot

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



74.5960, 77.4283, 74.6330



92.6349, 97.1016, 102.1392



73.0350, 71.7624, 81.9547



19.6922, 20.6204, 21.4848



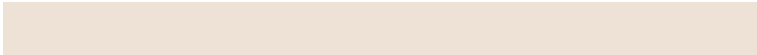
0.0000, 0.0000, 0.0000



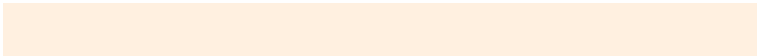
20.3446, 21.4041, 23.3091

Same Dimension

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



74.5960, 77.4283, 74.6330



85.8223, 88.8104, 83.4246



77.9730, 84.1823, 75.7586



16.4260, 17.0652, 16.5779



23.4841, 17.7663, 2.1915



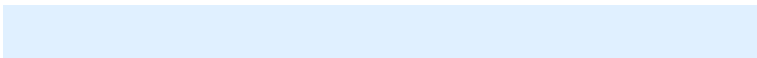
2.0532, 1.6770, 0.2155

Inverse Universe

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



70.3604, 74.8607, 91.6310



79.9848, 85.2718, 106.8512



67.2118, 68.5635, 90.5815



15.5500, 16.5341, 20.0934



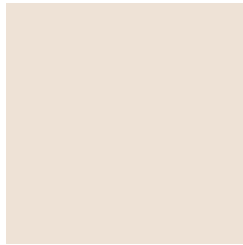
12.4169, 11.0580, 46.6078



1.1325, 1.1189, 3.9105

Previews

White Background



This preview shows how the XYZ color 74.5939, 77.4249, 74.6313 looks on a white background.

Color Contrast Check

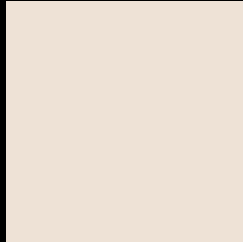
Large Text (above 18pt) WCAG AA × Fail

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 74.5939, 77.4249, 74.6313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

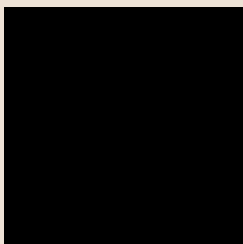
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

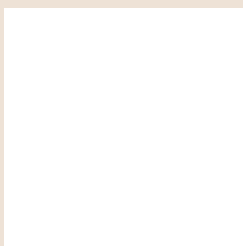
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5939, 77.4249, 74.6313

Background



This preview shows how black text looks on a background with the XYZ color 74.5939, 77.4249, 74.6313.

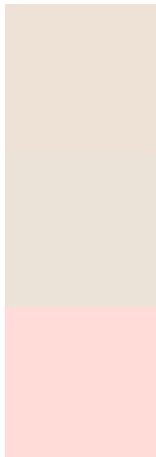


This preview shows how white text looks on a background with the XYZ color 74.5939, 77.4249,

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

74.5939, 77.4249, 74.6313

Protanopia

73.9958, 77.5066, 75.3503

Deuteranopia

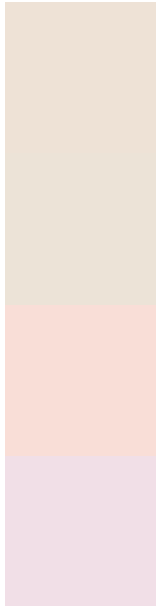
79.0989, 77.3527, 75.0516



Tritanopia

78.4674, 77.4111, 93.2442

Trichromacy



Original Color

74.5939, 77.4249, 74.6313

Protanomaly

74.3269, 77.6773, 75.3658

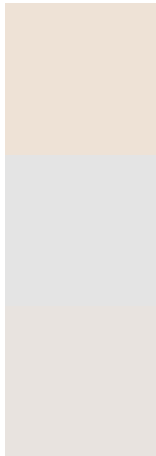
Deuteranomaly

77.4539, 77.2886, 75.1259

Tritanomaly

77.0871, 77.2456, 86.4483

Monochromacy



Original Color

74.5939, 77.4249, 74.6313

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.0671, 77.4217, 80.8522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5939, 77.4249, 74.6313 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(238, 226, 214) looks like.

```
.text, #text, p{  
    color:rgb(238, 226, 214)  
}
```

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(238, 226, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 226, 214) }
```

Border

The CSS property to change the border of an element to XYZ 74.5939, 77.4249, 74.6313 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(238, 226, 214) }
```


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

```
.border{ border-color:rgb(238, 226, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 226, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 226, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 226, 214);  
box-shadow:4px 4px 4px 4px rgb(238, 226,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5939, 77.4249, 74.6313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 226, 214) }
```

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

```
.background{ background-color: rgb(238,  
226, 214) }
```

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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