

Converting Colors

XYZ(75.1683, 79.7650, 78.5633)

Have a look what the booklet for
XYZ(75.1683, 79.7650, 78.5633)
contains.

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Color

**XYZ(74.9664, 79.5899,
78.4291)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E7DB
RGB	233, 231, 219
RGB Percent	91%, 91%, 86%
CMY	0.0863, 0.0941, 0.1412
CMYK	0.00, 0.01, 0.06, 0.09
HSL	51°, 24%, 89%
HSV	51°, 6%, 91%
XYZ	74.9664, 79.5899, 78.4291
YIQ	230.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

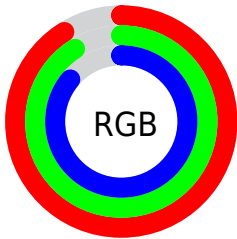
Format	Color
R _Y B	221, 233, 219
Decimal	15329243
CIE Lab	91.50, -1.40, 6.06
CIE LCh	92, 6.223, 102.959
Yxy	79.5899, 0.3218, 0.3416
Android (android.graphics.Color)	4293519323 (0xFFE9E7DB)
YUV	230.2300, -5.5364, 2.4293
Hunter-Lab	89.2132, -6.1284, 10.3262

Details

The XYZ color **74.9664, 79.5899, 78.4291** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.7779, 72.6553, 87.4380**, and the grayscale version is **75.4230, 79.3509, 86.4131**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1623, 42.6874, 41.2447** is the 20% darker color. If you saturate the color by 10%, you get **71.1911, 76.6087, 63.0814**, and if you desaturate by 10%, it is **79.1932, 82.7850, 96.0475**.

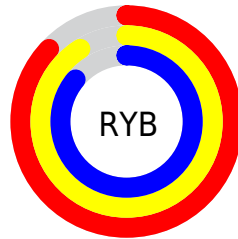
Distribution



Red (91%)

Green (91%)

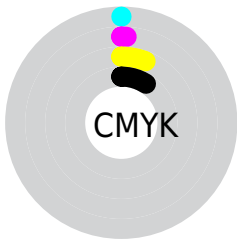
Blue (86%)



Red (87%)

Yellow (91%)

Blue (86%)

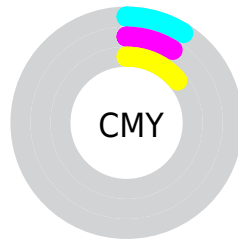


Cyan (0%)

Magenta (1%)

Yellow (6%)

Black (9%)



Cyan (9%)

Magenta (9%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9664, 79.5899, 78.4291 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 74.9664, 79.5899, 78.4291 by changing the saturation by 10% instead.

■ 74.9664, 79.5899,
78.4291

■ 74.9664, 79.5899,
78.4291

466.8010,
493.5497, 509.1894

■ 55.8794, 59.3809,
57.9080

125.2530,
132.7890, 132.9462

■ 40.3429, 42.9199,
41.3205

157.1833,
166.5479, 167.7793

■ 27.9914, 29.8222,
28.2480

194.1254,
205.5923, 208.2201

■ 18.4596, 19.7037,
18.2720

236.4447,
250.3065, 254.6872

■ 11.3821, 12.1798,
10.9740

284.5066,
301.0750, 307.5992

■ 6.3937, 6.8663,
5.9354

338.6764,

■ 3.1288, 3.3786,

358.2821, 367.3745

2.7377

399.3194,
422.3122, 434.4317

■ 1.2222, 1.3324,
0.9623

■ 0.1238, 0.1661,
0.0000

■ 74.9664, 79.5899,
78.4291

■ 74.9664, 79.5899,
78.4291

■ 71.1911, 76.6087,
63.0814

■ 79.1932, 82.7850,
96.0475

■ 67.8428, 73.8239,
49.9059

■ 82.1272, 85.4889,
106.7802

■ 64.9047, 71.2311,
38.8043

■ 83.1014, 87.4373,
107.1049

■ 62.3562, 68.8219,
29.6689

■ 84.0936, 89.4216,
107.4356

60.1750, 66.5872,
22.3821

85.1038, 91.4420,
107.7724

58.3361, 64.5169,
16.8139

86.1321, 93.4985,
108.1151

56.8118, 62.5997,
12.8173

87.1786, 95.5915,
108.4640

55.5691, 60.8223,
10.2208

87.4147, 96.0639,
108.5427

54.5678, 59.1684,
8.8117

Harmonies

Analogous

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



76.5445, 79.5899, 78.5797



74.9664, 79.5899, 78.4291



73.5898, 79.5899, 80.4278

Triad

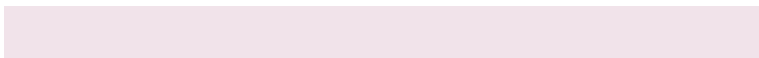
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9664, 79.5899, 78.4291



73.4392, 79.5899, 92.7452



78.5993, 79.5899, 89.2430

Complementary

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



74.9664, 79.5899, 78.4291



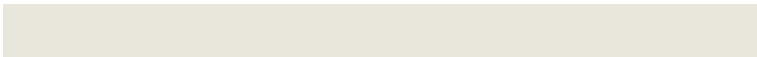
69.7779, 72.6553, 87.4380

Split Complementary

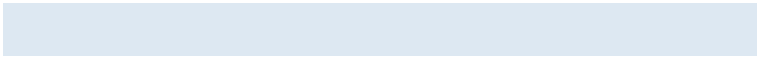
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.7438, 79.5899, 93.2058



74.9664, 79.5899, 78.4291



74.7582, 79.5899, 95.2758

Square

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



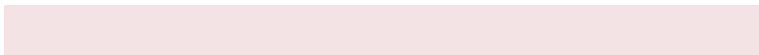
74.9664, 79.5899, 78.4291



72.7165, 79.5899, 88.6320



76.3333, 79.5899, 95.4472



78.6569, 79.5899, 84.7172

Rectangle

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



74.9664, 79.5899, 78.4291



72.9656, 79.5899, 82.7520



76.3333, 79.5899, 95.4472



78.3949, 79.5899, 90.6889

Sweetspot

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



74.9686, 79.5934, 78.4308



94.0081, 99.2128, 104.5555



72.0014, 73.2137, 78.8144



20.1325, 21.2439, 22.4247



0.0000, 0.0000, 0.0000



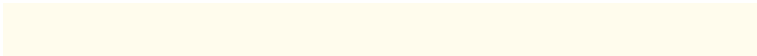
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9686, 79.5934, 78.4308



91.5015, 97.2902, 94.1920



73.9529, 79.9038, 78.5443



16.3198, 17.3657, 16.6557



30.8288, 33.3519, 4.8127



2.4710, 2.7193, 0.3946

Inverse Universe

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



69.7779, 72.6553, 87.4380



84.0955, 87.3910, 107.0436



70.7501, 72.3788, 87.3334



14.8984, 15.4658, 19.1222



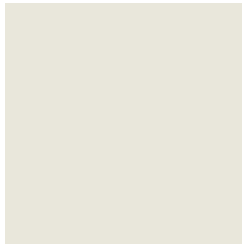
8.7109, 4.0687, 44.0692



0.7382, 0.4279, 3.4786

Previews

White Background



This preview shows how the XYZ color 74.9664, 79.5899, 78.4291 looks on a white background.

Color Contrast Check

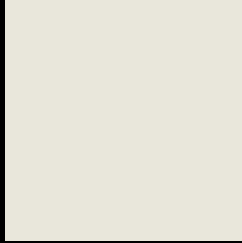
Large Text (above 18pt) WCAG AA × Fail

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 74.9664, 79.5899, 78.4291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

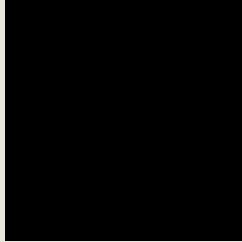
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

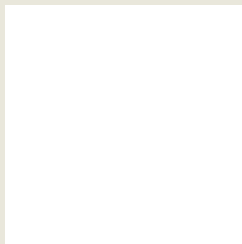
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9664, 79.5899, 78.4291

Background



This preview shows how black text looks on a background with the XYZ color 74.9664, 79.5899, 78.4291.

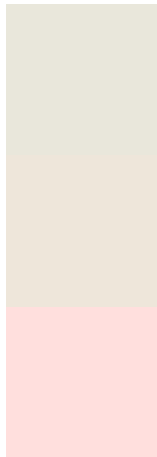


This preview shows how white text looks on a background with the XYZ color 74.9664, 79.5899,

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

74.9664, 79.5899, 78.4291

Protanopia

76.2116, 79.8327, 77.7221

Deuteranopia

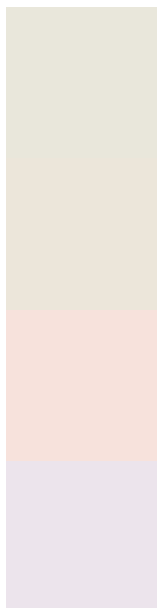
80.6788, 79.2558, 79.4523



Tritanopia

78.8756, 79.5353, 97.5809

Trichromacy



Original Color

74.9664, 79.5899, 78.4291

Protanomaly

75.5438, 79.4885, 77.6909

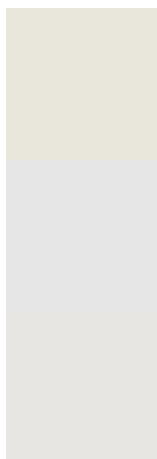
Deuteranomaly

78.4724, 79.3342, 78.8872

Tritanomaly

77.4758, 79.3758, 90.5945

Monochromacy



Original Color

74.9664, 79.5899, 78.4291

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.9793, 79.0735, 83.2624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9664, 79.5899, 78.4291 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(233, 231, 219) looks like.

```
.text, #text, p{  
    color:rgb(233, 231, 219)  
}
```

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(233, 231, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 231, 219) }
```

Border

The CSS property to change the border of an element to XYZ 74.9664, 79.5899, 78.4291 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(233, 231, 219) }
```


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

```
.border{ border-color:rgb(233, 231, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 231, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 231, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 231, 219);  
box-shadow:4px 4px 4px 4px rgb(233, 231,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9664, 79.5899, 78.4291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 231, 219) }
```

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

```
.background{ background-color: rgb(233,  
231, 219) }
```

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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