

Converting Colors

XYZ(76.2708, 79.4513, 77.6454)

Have a look what the booklet for
XYZ(76.2708, 79.4513, 77.6454)
contains.

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Color

**XYZ(76.2708, 79.4513,
77.6454)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE5DA
RGB	239, 229, 218
RGB Percent	94%, 90%, 85%
CMY	0.0627, 0.1019, 0.1451
CMYK	0.00, 0.04, 0.09, 0.06
HSL	31°, 40%, 90%
HSV	31°, 9%, 94%
XYZ	76.2708, 79.4513, 77.6454
YIQ	230.7360, 9.4910, -1.3010

Conversions

Conversions Part 2

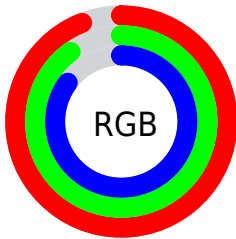
Format	Color
R_{YB}	237, 239, 218
Decimal	15721946
CIE _{Lab}	91.44, 1.54, 6.56
CIE _{LCh}	91, 6.734, 76.800
Yxy	79.4513, 0.3268, 0.3405
Android (android.graphics.Color)	4293912026 (0xFFEFE5DA)
YUV	230.7360, -6.2788, 7.2475
Hunter-Lab	89.1355, -3.2494, 10.7476

Details

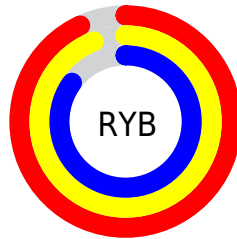
The XYZ color **76.2708, 79.4513, 77.6454** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.2367, 76.6229, 92.6446**, and the grayscale version is **75.8015, 79.7491, 86.8467**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2754, 42.9837, 40.7716** is the 20% darker color. If you saturate the color by 10%, you get **70.3215, 72.2015, 61.3287**, and if you desaturate by 10%, it is **82.8818, 87.3010, 96.4095**.

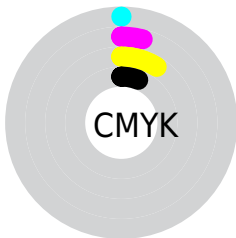
Distribution



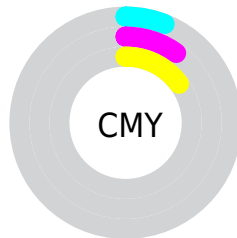
- Red (94%)
- Green (90%)
- Blue (85%)



- Red (93%)
- Yellow (94%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2708, 79.4513, 77.6454 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 76.2708, 79.4513, 77.6454 by changing the saturation by 10% instead.

76.2708, 79.4513,
77.6454

76.2708, 79.4513,
77.6454

471.2043,
493.0818, 506.4577

56.9524, 59.2669,
57.2680

127.0879,
132.5940, 131.8314

41.2070, 42.8280,
40.8097

159.3174,
166.3211, 166.4772

28.6693, 29.7502,
27.8518

196.5813,
205.3313, 206.7161

18.9738, 19.6491,
17.9759

239.2450,
250.0090, 252.9668

11.7552, 12.1402,
10.7634

287.6737,
300.7384, 305.6478

6.6483, 6.8392,
5.7958

342.2330,

3.2875, 3.3618,

357.9041, 365.1775

2.6546

403.2881,
421.8904, 431.9747

■ 1.3075, 1.3234,
0.9204

■ 0.1889, 0.1592,
0.0000

■ 76.2708, 79.4513,
77.6454

■ 76.2708, 79.4513,
77.6454

■ 70.3215, 72.2015,
61.3287

■ 82.8818, 87.3010,
96.4095

■ 65.0042, 65.5257,
47.3518

■ 88.3813, 95.0397,
108.2940

■ 60.2965, 59.4111,
35.6067

■ 89.4070, 97.0909,
108.6359

■ 56.1719, 53.8404,
25.9746

■ 52.6018, 48.7952,
18.3257

■ 49.5546, 44.2559,
12.5157

■ 46.9946, 40.2007,
8.3801

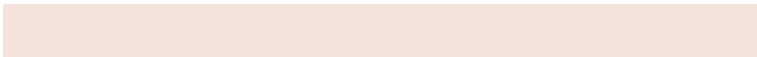
■ 44.8807, 36.6055,
5.7250

■ 43.1535, 33.4385,
4.2631

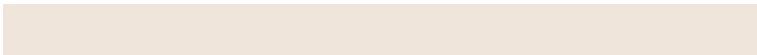
Harmonies

Analogous

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



77.7936, 79.4513, 79.8125



76.2708, 79.4513, 77.6454



74.5680, 79.4513, 77.7882

Triad

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



76.2708, 79.4513, 77.6454



72.4063, 79.4513, 89.2644



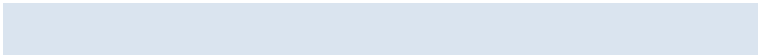
77.9429, 79.4513, 93.1291

Complementary

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



76.2708, 79.4513, 77.6454



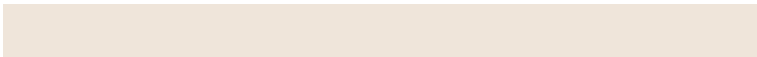
72.2367, 76.6229, 92.6446

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.



76.4722, 79.4513, 95.8583



76.2708, 79.4513, 77.6454



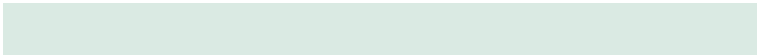
73.2835, 79.4513, 93.5699

Square

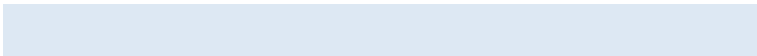
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2708, 79.4513, 77.6454



72.3542, 79.4513, 84.3725



74.7663, 79.4513, 96.0226



78.7688, 79.4513, 88.6812

Rectangle

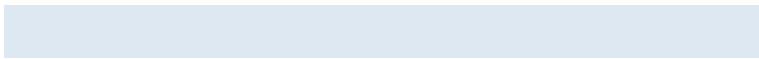
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2708, 79.4513, 77.6454



73.5600, 79.4513, 79.1725



74.7663, 79.4513, 96.0226



77.5065, 79.4513, 94.2851

Sweetspot

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



76.2730, 79.4548, 77.6471



92.6919, 97.2157, 102.1583



74.6934, 74.1044, 83.8758



19.7075, 20.6512, 21.4899



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.



76.2730, 79.4548, 77.6471



86.7459, 90.0987, 85.4556



79.0008, 85.0857, 78.5902



16.4583, 17.1296, 16.5886



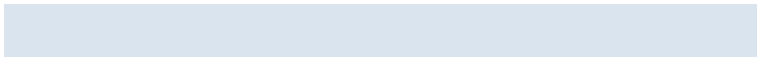
23.8735, 18.5451, 2.3213



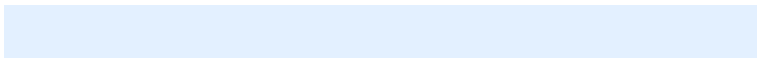
2.0857, 1.7420, 0.2263

Inverse Universe

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



72.2367, 76.6229, 92.6446



80.9616, 86.0405, 106.9481



69.6707, 71.3354, 91.7593



15.5179, 16.4699, 20.0827



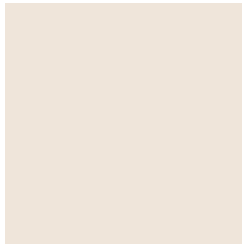
12.0497, 10.3237, 46.4854



1.1014, 1.0568, 3.9001

Previews

White Background



This preview shows how the XYZ color 76.2708, 79.4513, 77.6454 looks on a white background.

Color Contrast Check

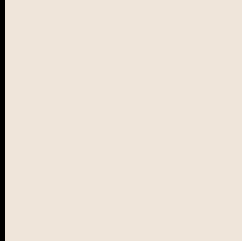
Large Text (above 18pt) WCAG AA × Fail

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 76.2708, 79.4513, 77.6454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

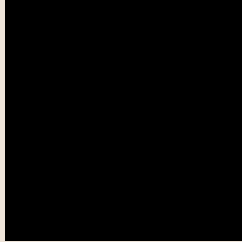
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

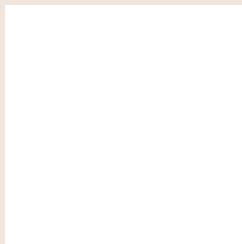
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2708, 79.4513, 77.6454

Background



This preview shows how black text looks on a background with the XYZ color 76.2708, 79.4513, 77.6454.



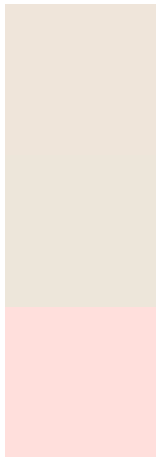
This preview shows how white text looks on a background with the XYZ color 76.2708, 79.4513,

77.6454.

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

76.2708, 79.4513, 77.6454

Protanopia

75.8768, 79.6601, 77.7065

Deuteranopia

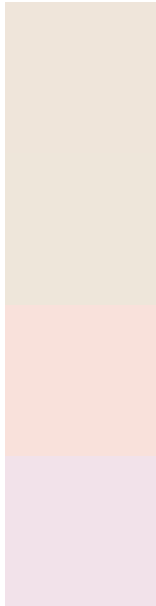
80.5459, 79.2027, 78.7526



Tritanopia

80.0650, 79.3762, 95.8953

Trichromacy



Original Color

76.2708, 79.4513, 77.6454

Protanomaly

76.2116, 79.8327, 77.7221

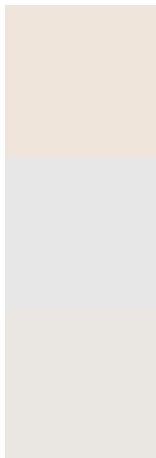
Deuteranomaly

78.7783, 79.1046, 78.1345

Tritanomaly

78.6656, 79.2105, 88.9849

Monochromacy



Original Color

76.2708, 79.4513, 77.6454

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

75.9560, 79.5770, 83.3081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2708, 79.4513, 77.6454 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(239, 229, 218) looks like.

```
.text, #text, p{  
    color:rgb(239, 229, 218)  
}
```

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(239, 229, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 229, 218) }
```

Border

The CSS property to change the border of an element to XYZ 76.2708, 79.4513, 77.6454 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(239, 229, 218) }
```


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

```
.border{ border-color:rgb(239, 229, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 229, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 229, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 229, 218);  
box-shadow:4px 4px 4px 4px rgb(239, 229,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2708, 79.4513, 77.6454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 229, 218) }
```

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

```
.background{ background-color: rgb(239,  
229, 218) }
```

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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