

Converting Colors

XYZ(77.6529, 79.3588, 76.8816)

Have a look what the booklet for
XYZ(77.6529, 79.3588, 76.8816)
contains.

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Color

**XYZ(77.6497, 79.3604,
76.8712)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E3D9
RGB	245, 227, 217
RGB Percent	96%, 89%, 85%
CMY	0.0392, 0.1098, 0.1490
CMYK	0.00, 0.07, 0.11, 0.04
HSL	21°, 58%, 91%
HSV	21°, 11%, 96%
XYZ	77.6497, 79.3604, 76.8712
YIQ	231.2420, 13.9380, 0.7060

Conversions

Conversions Part 2

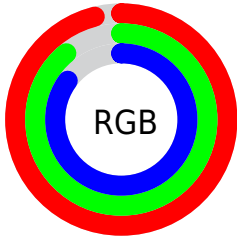
Format	Color
R_{YB}	245, 233, 217
Decimal	16114649
CIE _{Lab}	91.40, 4.50, 7.08
CIE _{LCh}	91, 8.389, 57.577
Yxy	79.3604, 0.3320, 0.3393
Android (android.graphics.Color)	4294304729 (0xFFFF5E3D9)
YUV	231.2420, -7.0213, 12.0658
Hunter-Lab	89.0845, -0.3098, 11.1976

Details

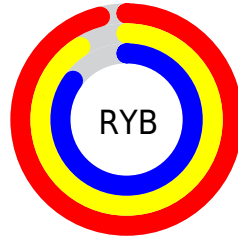
The XYZ color **77.6497, 79.3604, 76.8712** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.8049, 80.7596, 98.0326**, and the grayscale version is **76.1811, 80.1484, 87.2816**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2604, 42.9325, 40.2419** is the 20% darker color. If you saturate the color by 10%, you get **70.5855, 69.9584, 59.9441**, and if you desaturate by 10%, it is **85.5853, 89.7465, 96.4246**.

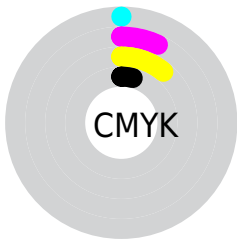
Distribution



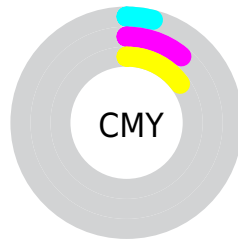
- Red (96%)
- Green (89%)
- Blue (85%)



- Red (96%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.6497, 79.3604, 76.8712 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 77.6497, 79.3604, 76.8712 by changing the saturation by 10% instead.


 77.6497, 79.3604,
76.8712

 77.6497, 79.3604,
76.8712


475.8344,
492.7747, 503.7508

 58.0880, 59.1922,
56.6362


129.0242,
132.4661, 130.7290

 42.1230, 42.7678,
40.3058


161.5677,
166.1724, 165.1889

 29.3891, 29.7030,
27.4615


199.1692,
205.1601, 205.2276

 19.5211, 19.6133,
17.6846

242.1941,
249.8137, 251.2635

 12.1537, 12.1142,
10.5567

291.0077,
300.5176, 303.7152

 6.9214, 6.8215,
5.6592

345.9754,

 3.4589, 3.3507,

357.6561, 363.0013

2.5736

407.4625,
421.6137, 429.5403

■ 1.4008, 1.3175,
0.8788

■ 0.2568, 0.1547,
0.0000

■ 77.6497, 79.3604,
76.8712

■ 77.6497, 79.3604,
76.8712

■ 70.5855, 69.9584,
59.9441

■ 85.5853, 89.7465,
96.4246

■ 64.3549, 61.5005,
45.5254

■ 91.4666, 98.1527,
108.7323

■ 58.9269, 53.9596,
33.4957

■ 54.2656, 47.3030,
23.7234

■ 50.3325, 41.4959,
16.0647

■ 47.0852, 36.5010,
10.3583

■ 44.4759, 32.2778,
6.4196

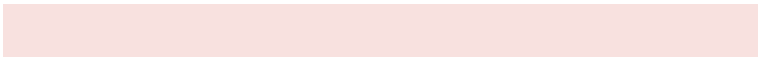
■ 42.4491, 28.7811,
4.0275

■ 41.1085, 26.3166,
2.9129

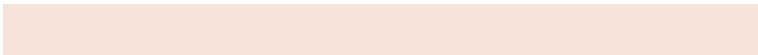
Harmonies

Analogous

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



79.1231, 79.3604, 81.0866



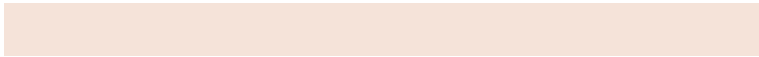
77.6497, 79.3604, 76.8712



75.6032, 79.3604, 75.1998

Triad

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



77.6497, 79.3604, 76.8712



71.4065, 79.3604, 85.9144



77.3440, 79.3604, 97.2431

Complementary

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



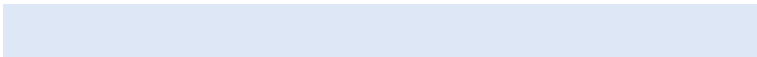
77.6497, 79.3604, 76.8712



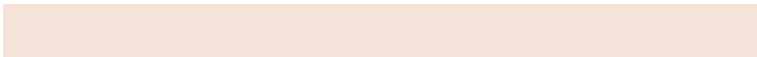
74.8049, 80.7596, 98.0326

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.



75.2564, 79.3604, 98.6823



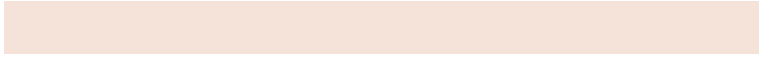
77.6497, 79.3604, 76.8712



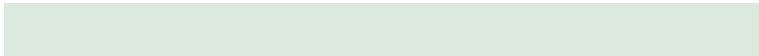
71.8530, 79.3604, 91.9614

Square

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



77.6497, 79.3604, 76.8712



72.0210, 79.3604, 80.2651



73.2524, 79.3604, 96.7069



78.9442, 79.3604, 92.8608

Rectangle

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



77.6497, 79.3604, 76.8712



74.1981, 79.3604, 75.6911



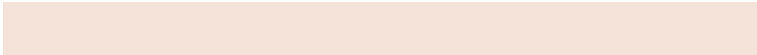
73.2524, 79.3604, 96.7069



76.6748, 79.3604, 98.0959

Sweetspot

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



77.6519, 79.3639, 76.8729



92.2941, 96.4200, 102.0256



77.4944, 75.0491, 89.1514



19.6003, 20.4367, 21.4542



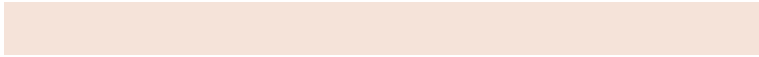
0.0000, 0.0000, 0.0000



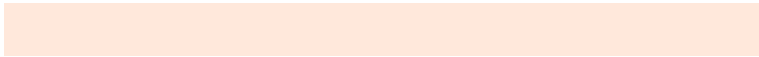
20.3446, 21.4041, 23.3091

Same Dimension

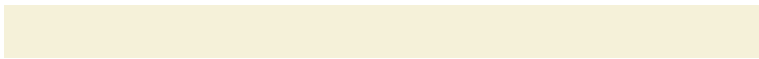
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.6519, 79.3639, 76.8729



82.9380, 84.1348, 79.0934



81.5777, 87.2155, 78.1815



16.9836, 17.4514, 17.2709



22.2644, 14.4143, 1.6088



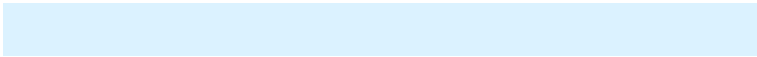
2.0503, 1.4538, 0.1726

Inverse Universe

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



74.8049, 80.7596, 98.0326



79.1787, 85.9765, 107.0297



71.0071, 73.1641, 96.7667



16.4696, 17.7035, 21.0916



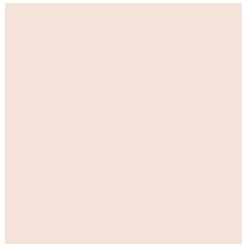
15.5520, 16.8978, 48.9800



1.4638, 1.6789, 4.3372

Previews

White Background



This preview shows how the XYZ color 77.6497, 79.3604, 76.8712 looks on a white background.

Color Contrast Check

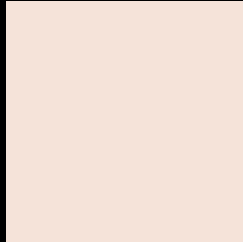
Large Text (above 18pt) WCAG AA × Fail

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 77.6497, 79.3604, 76.8712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

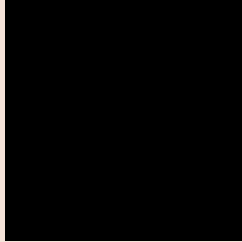
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

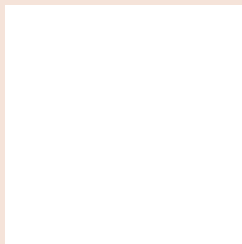
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.6497, 79.3604, 76.8712

Background



This preview shows how black text looks on a background with the XYZ color 77.6497, 79.3604, 76.8712.



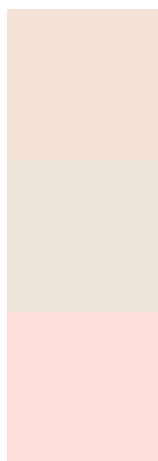
This preview shows how white text looks on a background with the XYZ color 77.6497, 79.3604,

76.8712.

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

77.6497, 79.3604, 76.8712

Protanopia

75.5993, 79.1051, 77.6140

Deuteranopia

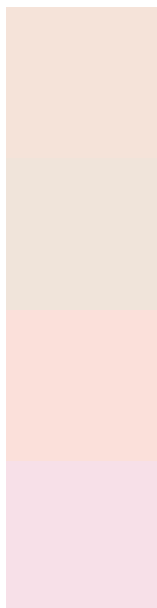
80.4139, 79.1498, 78.0570



Tritanopia

80.9763, 79.0827, 94.2157

Trichromacy



Original Color

77.6497, 79.3604, 76.8712

Protanomaly

76.3335, 79.0740, 77.5693

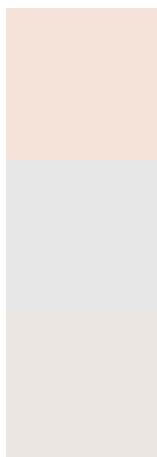
Deuteranomaly

79.0942, 78.8825, 77.3868

Tritanomaly

79.5789, 78.9117, 87.3811

Monochromacy



Original Color

77.6497, 79.3604, 76.8712

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.6164, 79.9175, 83.3390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6497, 79.3604, 76.8712 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(245, 227, 217) looks like.

```
.text, #text, p{  
    color:rgb(245, 227, 217)  
}
```

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(245, 227, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 227, 217) }
```

Border

The CSS property to change the border of an element to XYZ 77.6497, 79.3604, 76.8712 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(245, 227, 217) }
```


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

```
.border{ border-color:rgb(245, 227, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 227, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 227, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 227, 217); box-shadow:4px 4px 4px 4px rgb(245, 227, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6497, 79.3604, 76.8712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 227, 217) }
```

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

```
.background{ background-color: rgb(245,  
227, 217) }
```

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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