

Converting Colors

XYZ(78.6491, 82.9464, 75.9789)

Have a look what the booklet for
XYZ(78.6491, 82.9464, 75.9789)
contains.

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Color

**XYZ(78.6507, 82.8066,
76.1279)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EAD7
RGB	243, 234, 215
RGB Percent	95%, 92%, 84%
CMY	0.0471, 0.0823, 0.1569
CMYK	0.00, 0.04, 0.12, 0.05
HSL	41°, 54%, 90%
HSV	41°, 12%, 95%
XYZ	78.6507, 82.8066, 76.1279
YIQ	234.5250, 11.4630, -4.0010

Conversions

Conversions Part 2

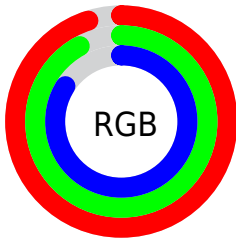
Format	Color
R _Y B	228, 243, 215
Decimal	15985367
CIE Lab	92.93, -0.11, 10.30
CIE LCh	93, 10.300, 90.603
Yxy	82.8066, 0.3310, 0.3485
Android (android.graphics.Color)	4294175447 (0xFFF3EAD7)
YUV	234.5250, -9.6258, 7.4326
Hunter-Lab	90.9981, -4.9672, 14.0974

Details

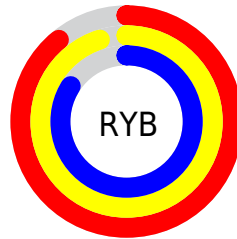
The XYZ color **78.6507, 82.8066, 76.1279** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.8575, 74.2281, 95.3877**, and the grayscale version is **78.6712, 82.7682, 90.1346**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7591, 44.9437, 39.6791** is the 20% darker color. If you saturate the color by 10%, you get **73.5842, 77.3044, 60.1612**, and if you desaturate by 10%, it is **84.2835, 88.6975, 94.5735**.

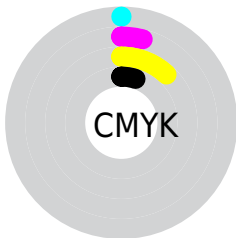
Distribution



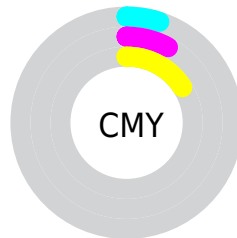
- Red (95%)
- Green (92%)
- Blue (84%)



- Red (89%)
- Yellow (95%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.6507, 82.8066, 76.1279 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 78.6507, 82.8066, 76.1279 by changing the saturation by 10% instead.

78.6507, 82.8066,
76.1279

78.6507, 82.8066,
76.1279

479.1800,
504.3417, 501.1439

58.9133, 62.0306,
56.0301

130.4275,
137.3046, 129.6694

42.7894, 45.0574,
39.8229

163.1977,
171.7953, 163.9502

29.9137, 31.5027,
27.0878

201.0427,
211.6265, 203.7958

19.9209, 20.9819,
17.4061

244.3281,
257.1824, 249.6247

12.4455, 13.1108,
10.3595

293.4192,
308.8475, 301.8554

7.1222, 7.5049,
5.5292

348.6813,

3.5856, 3.7798,

367.0061, 360.9065

2.4969

410.4798,
432.0428, 427.1964

■ 1.4705, 1.5512,
0.8385

■ 0.3056, 0.3243,
0.0000

■ 78.6507, 82.8066,
76.1279

■ 78.6507, 82.8066,
76.1279

■ 73.5842, 77.3044,
60.1612

■ 84.2835, 88.6975,
94.5735

■ 69.0556, 72.1694,
46.5603

■ 89.0799, 94.4097,
108.1356

■ 65.0441, 67.3939,
35.2113

■ 90.7725, 97.7949,
108.6998

■ 61.5245, 62.9657,
25.9886

■ 58.4695, 58.8719,
18.7544

■ 55.8484, 55.0980,
13.3545

■ 53.6264, 51.6278,
9.6114

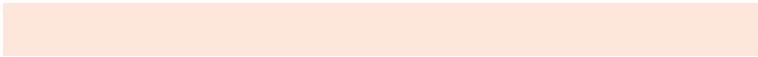
■ 51.7616, 48.4424,
7.3124

■ 50.4057, 45.9413,
6.2109

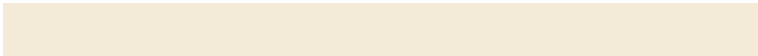
Harmonies

Analogous

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



81.2751, 82.8066, 77.8462



78.6507, 82.8066, 76.1279



76.0977, 82.8066, 77.9878

Triad

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



78.6507, 82.8066, 76.1279



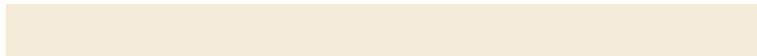
74.3307, 82.8066, 97.9268



83.3046, 82.8066, 97.6414

Complementary

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



78.6507, 82.8066, 76.1279



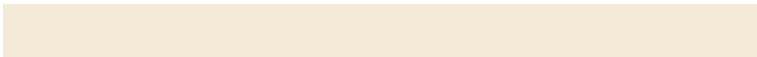
70.8575, 74.2281, 95.3877

Split Complementary

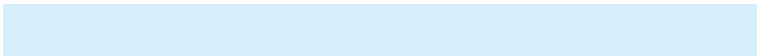
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.3716, 82.8066, 103.5421



78.6507, 82.8066, 76.1279



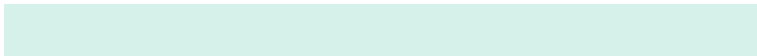
76.1900, 82.8066, 103.7134

Square

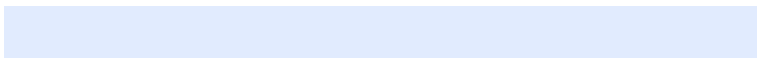
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.6507, 82.8066, 76.1279



73.6387, 82.8066, 90.3185



78.7597, 82.8066, 105.8235



83.9989, 82.8066, 90.0063

Rectangle

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



78.6507, 82.8066, 76.1279



74.7701, 82.8066, 81.0713



78.7597, 82.8066, 105.8235



82.7760, 82.8066, 99.9087

Sweetspot

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



78.6530, 82.8102, 76.1297



93.0635, 97.9590, 102.2821



74.7634, 73.0566, 80.9202



19.8079, 20.8519, 21.5234



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.



78.6530, 82.8102, 76.1297



86.2754, 90.8097, 80.2059



79.6892, 87.2433, 76.9307



17.4396, 18.3634, 17.4229



27.7915, 25.4685, 3.4511



2.5353, 2.4238, 0.3342

Inverse Universe

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



70.8575, 74.2281, 95.3877



75.8651, 79.3493, 105.9252



69.8936, 70.2368, 94.6681



16.0158, 16.7958, 20.9404



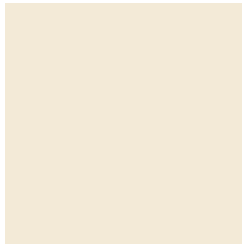
10.4844, 6.7627, 47.2908



1.0106, 0.7726, 4.1861

Previews

White Background



This preview shows how the XYZ color 78.6507, 82.8066, 76.1279 looks on a white background.

Color Contrast Check

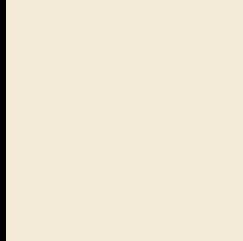
Large Text (above 18pt) WCAG AA × Fail

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 78.6507, 82.8066, 76.1279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

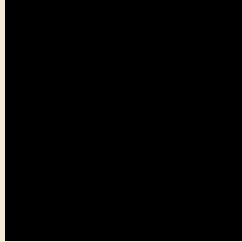
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

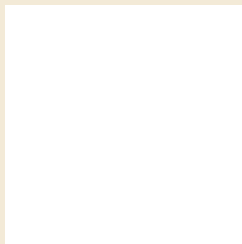
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.6507, 82.8066, 76.1279

Background



This preview shows how black text looks on a background with the XYZ color 78.6507, 82.8066, 76.1279.

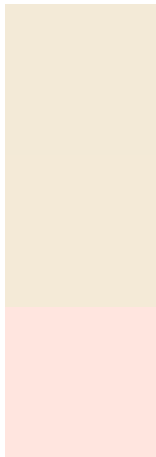


This preview shows how white text looks on a background with the XYZ color 78.6507, 82.8066,

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

78.6507, 82.8066, 76.1279

Protanopia

78.9968, 82.9850, 76.1441

Deuteranopia

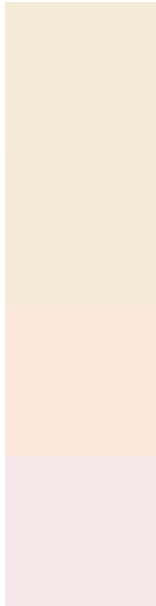
82.5786, 82.6263, 81.4082



Tritanopia

83.5192, 82.7105, 99.5585

Trichromacy



Original Color

78.6507, 82.8066, 76.1279

Protanomaly

78.9968, 82.9850, 76.1441

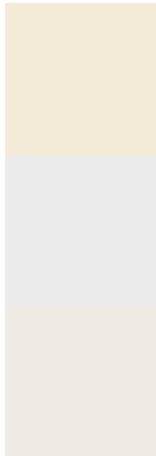
Deuteranomaly

81.2778, 82.8284, 79.4138

Tritanomaly

81.5773, 82.7428, 90.2686

Monochromacy



Original Color

78.6507, 82.8066, 76.1279

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.9718, 83.1952, 85.2948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.6507, 82.8066, 76.1279 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, 234, 215) looks like.

```
.text, #text, p{  
    color:rgb(243, 234, 215)  
}
```

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, 234, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 234, 215) }
```

Border

The CSS property to change the border of an element to XYZ 78.6507, 82.8066, 76.1279 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, 234, 215) }
```


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

```
.border{ border-color:rgb(243, 234, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 234, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 234, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 234, 215);  
box-shadow:4px 4px 4px 4px rgb(243, 234,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6507, 82.8066, 76.1279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 234, 215) }
```

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

```
.background{ background-color: rgb(243,  
234, 215) }
```

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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