

Converting Colors

XYZ(79.4292, 84.4554, 77.7618)

Have a look what the booklet for
XYZ(79.4292, 84.4554, 77.7618)
contains.

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Color

**XYZ(79.4265, 84.4554,
77.7609)**

Conversions

Conversions Part 1

Format	Color
Hex	F2EDD9
RGB	242, 237, 217
RGB Percent	95%, 93%, 85%
CMY	0.0510, 0.0706, 0.1490
CMYK	0.00, 0.02, 0.10, 0.05
HSL	48°, 49%, 90%
HSV	48°, 10%, 95%
XYZ	79.4265, 84.4554, 77.7609
YIQ	236.2150, 9.4000, -5.1600

Conversions

Conversions Part 2

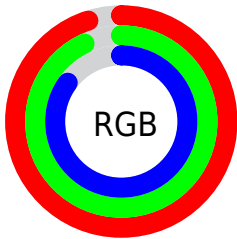
Format	Color
R _Y B	223, 242, 217
Decimal	15920601
CIE Lab	93.65, -1.67, 10.28
CIE LCh	94, 10.411, 99.207
Yxy	84.4554, 0.3287, 0.3495
Android (android.graphics.Color)	4294110681 (0xFFFF2EDD9)
YUV	236.2150, -9.4730, 5.0734
Hunter-Lab	91.8996, -6.5513, 14.1615

Details

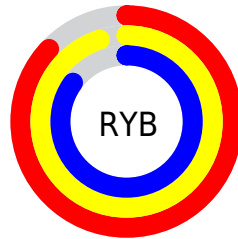
The XYZ color **79.4265, 84.4554, 77.7609** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.7633, 73.4036, 94.4438**, and the grayscale version is **79.9607, 84.1249, 91.6120**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2952, 46.0955, 40.7978** is the 20% darker color. If you saturate the color by 10%, you get **75.1265, 80.5282, 61.9200**, and if you desaturate by 10%, it is **84.2305, 88.6502, 96.0490**.

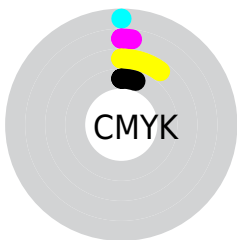
Distribution



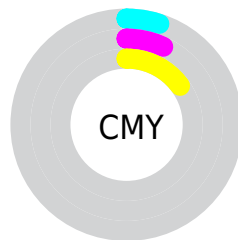
- Red (95%)
- Green (93%)
- Blue (85%)



- Red (87%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4265, 84.4554, 77.7609 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 79.4265, 84.4554, 77.7609 by changing the saturation by 10% instead.

79.4265, 84.4554,
77.7609

79.4265, 84.4554,
77.7609

481.7640,
509.8243, 506.8608

59.5534, 63.3915,
57.3623

131.5139,
139.6120, 131.9958

43.3068, 46.1580,
40.8849

164.4589,
174.4736, 166.6692

30.3215, 32.3705,
27.9101

202.4918,
214.7031, 206.9380

20.2320, 21.6447,
18.0195

245.9781,
260.6850, 253.2206

12.6731, 13.5960,
10.7944

295.2832,
312.8036, 305.9357

7.2792, 7.8402,
5.8163

350.7722,

3.6852, 3.9929,

371.4435, 365.5017

2.6667

412.8107,
436.9889, 432.3372

■ 1.5256, 1.6696,
0.9266

■ 0.3432, 0.4038,
0.0000

■ 79.4265, 84.4554,
77.7609

■ 79.4265, 84.4554,
77.7609

■ 75.1265, 80.5282,
61.9200

■ 84.2305, 88.6502,
96.0490

■ 71.3033, 76.8489,
48.4155

■ 87.8302, 92.4213,
107.8177

■ 67.9374, 73.4120,
37.1360

■ 89.3256, 95.4120,
108.3161

■ 65.0053, 70.2076,
27.9587

■ 90.4283, 97.6174,
108.6837

■ 62.4811, 67.2248,
20.7492

■ 60.3360, 64.4517,
15.3573

■ 58.5371, 61.8746,
11.6111

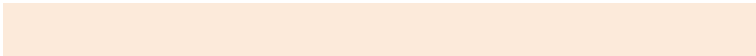
■ 57.0452, 59.4773,
9.3055

■ 55.8319, 57.3046,
8.1182

Harmonies

Analogous

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



82.1703, 84.4554, 78.4729



79.4265, 84.4554, 77.7609



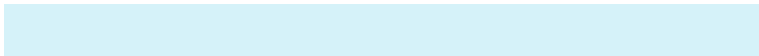
76.9654, 84.4554, 80.6803

Triad

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



79.4265, 84.4554, 77.7609



76.2315, 84.4554, 101.8996



85.3346, 84.4554, 97.4570

Complementary

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



79.4265, 84.4554, 77.7609



70.7633, 73.4036, 94.4438

Split Complementary

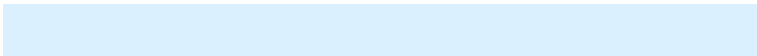
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.6726, 84.4554, 104.2396



79.4265, 84.4554, 77.7609



78.4038, 84.4554, 106.9048

Square

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



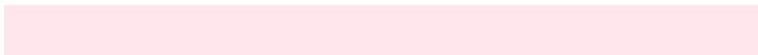
79.4265, 84.4554, 77.7609



75.1488, 84.4554, 94.4100



81.1241, 84.4554, 107.7848



85.6236, 84.4554, 89.5480

Rectangle

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



79.4265, 84.4554, 77.7609



75.8010, 84.4554, 84.3970



81.1241, 84.4554, 107.7848



84.9162, 84.4554, 99.9567

Sweetspot

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



79.4288, 84.4591, 77.7627



93.3569, 98.5457, 102.3799



74.6166, 73.7780, 79.4162



19.8873, 21.0106, 21.5499



0.0000, 0.0000, 0.0000



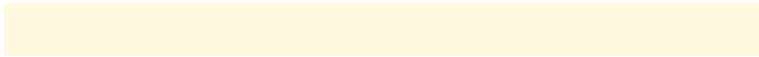
20.3446, 21.4041, 23.3091

Same Dimension

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



79.4288, 84.4591, 77.7627



88.5893, 94.3445, 84.3469



78.3735, 86.0920, 78.1335



16.8390, 17.8911, 16.7155



30.0921, 30.9823, 4.3942



2.5707, 2.7121, 0.3880

Inverse Universe

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



70.7633, 73.4036, 94.4438



77.3547, 80.0114, 105.9745



71.7366, 71.9650, 94.1148



15.1530, 15.7401, 19.9611



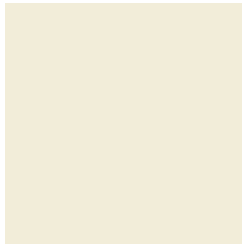
9.2616, 4.7475, 45.5561



0.8383, 0.5307, 3.8125

Previews

White Background



This preview shows how the XYZ color 79.4265, 84.4554, 77.7609 looks on a white background.

Color Contrast Check

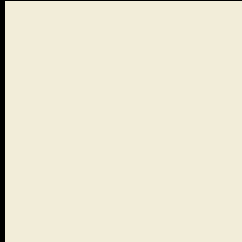
Large Text (above 18pt) WCAG AA × Fail

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 79.4265, 84.4554, 77.7609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

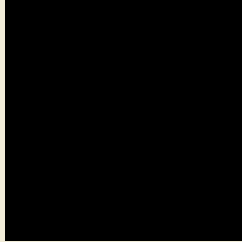
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4265, 84.4554, 77.7609

Background



This preview shows how black text looks on a background with the XYZ color 79.4265, 84.4554, 77.7609.



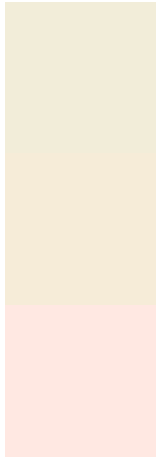
This preview shows how white text looks on a background with the XYZ color 79.4265, 84.4554,

77.7609.

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

79.4265, 84.4554, 77.7609

Protanopia

80.3962, 84.5416, 77.0466

Deuteranopia

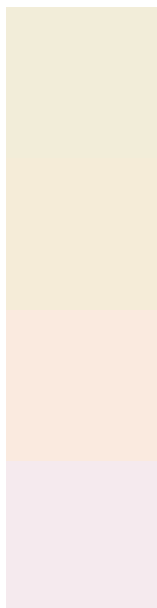
83.8241, 84.4642, 83.8367



Tritanopia

84.4697, 84.3895, 102.2793

Trichromacy



Original Color

79.4265, 84.4554, 77.7609

Protanomaly

80.0463, 84.3613, 77.0302

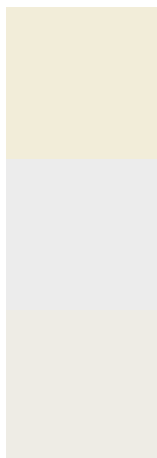
Deuteranomaly

82.1664, 84.4973, 81.7910

Tritanomaly

82.5116, 84.4312, 92.8369

Monochromacy



Original Color

79.4265, 84.4554, 77.7609

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.3982, 83.8252, 86.1239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4265, 84.4554, 77.7609 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(242, 237, 217) looks like.

```
.text, #text, p{  
    color:rgb(242, 237, 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(242, 237, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 237, 217) }
```

Border

The CSS property to change the border of an element to XYZ 79.4265, 84.4554, 77.7609 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(242, 237, 217) }
```


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

```
.border{ border-color:rgb(242, 237, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 237, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 237, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 237, 217); box-shadow:4px 4px 4px 4px rgb(242, 237, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4265, 84.4554, 77.7609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 237, 217) }
```

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

```
.background{ background-color: rgb(242,  
237, 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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