

# Converting Colors

XYZ(79.4490, 84.8617, 73.2977)

Have a look what the booklet for  
XYZ(79.4490, 84.8617, 73.2977)  
contains.

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# Color

**XYZ(79.5156, 85.0353,  
73.1953)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4EED2
RGB	244, 238, 210
RGB Percent	96%, 93%, 82%
CMY	0.0431, 0.0666, 0.1765
CMYK	0.00, 0.02, 0.14, 0.04
HSL	49°, 61%, 89%
HSV	49°, 14%, 96%
XYZ	79.5156, 85.0353, 73.1953
YIQ	236.6020, 12.5640, -7.4360

# Conversions

## Conversions Part 2

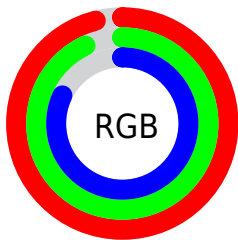
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 244, 210
Decimal	16051922
CIE <sub>Lab</sub>	93.90, -2.57, 14.28
CIE <sub>LCh</sub>	94, 14.508, 100.200
Yxy	85.0353, 0.3345, 0.3577
Android (android.graphics.Color)	4294242002 (0xFFFF4EED2)
YUV	236.6020, -13.1148, 6.4880
Hunter-Lab	92.2146, -7.4570, 17.4888

# Details

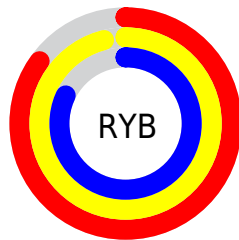
The XYZ color **79.5156, 85.0353, 73.1953** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **67.4631, 69.3436, 95.4176**, and the grayscale version is **80.2831, 84.4640, 91.9813**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3834, 46.5138, 37.7019** is the 20% darker color. If you saturate the color by 10%, you get **75.4677, 81.4386, 57.9744**, and if you desaturate by 10%, it is **84.0616, 88.8848, 90.8710**.

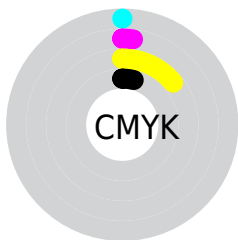
# Distribution



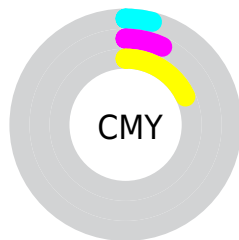
- Red (96%)
- Green (93%)
- Blue (82%)



- Red (85%)
- Yellow (96%)
- Blue (82%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5156, 85.0353, 73.1953 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 79.5156, 85.0353, 73.1953 by changing the saturation by 10% instead.



79.5156, 85.0353,  
73.1953

79.5156, 85.0353,  
73.1953

482.0603,  
511.7449, 490.7803

59.6269, 63.8705,  
53.6429

131.6386,  
140.4225, 125.4779

43.3663, 46.5458,  
37.9250

164.6036,  
175.4137, 159.0452

30.3684, 32.6768,  
25.6231

202.6581,  
215.7826, 198.1211

20.2678, 21.8789,  
16.3187

246.1674,  
261.9134, 243.1243

12.6993, 13.7680,  
9.5931

295.4970,  
314.1907, 294.4733

7.2974, 7.9595,  
5.0280

351.0120,

3.6967, 4.0690,

372.9988, 352.5866

2.2047

413.0780,  
438.7220, 417.8828

■ 1.5320, 1.7122,  
0.6771

■ 0.3475, 0.4316,  
0.0000

■ 79.5156, 85.0353,  
73.1953

■ 79.5156, 85.0353,  
73.1953

■ 75.4677, 81.4386,  
57.9744

■ 84.0616, 88.8848,  
90.8710

■ 71.8899, 78.0746,  
45.0924

■ 88.5003, 92.7369,  
107.8433

■ 68.7617, 74.9377,  
34.4327

■ 89.8285, 95.3932,  
108.2860

■ 66.0584, 72.0177,  
25.8659

■ 91.1185, 97.9732,  
108.7160

■ 63.7528, 69.3033,  
19.2496

■ 61.8142, 66.7820,  
14.4235

■ 60.2071, 64.4391,  
11.2017

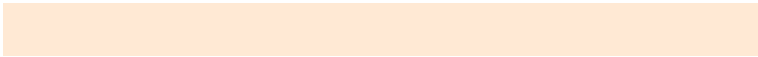
■ 58.8883, 62.2571,  
9.3576

■ 58.1900, 60.9962,  
8.7065

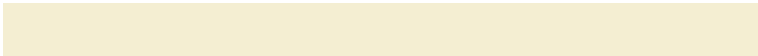
# Harmonies

## Analogous

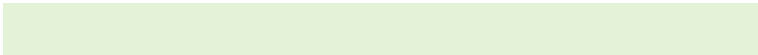
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.3652, 85.0353, 73.9857



79.5156, 85.0353, 73.1953



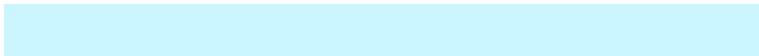
76.1245, 85.0353, 77.2764

# Triad

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



79.5156, 85.0353, 73.1953



75.2832, 85.0353, 107.0058



88.0137, 85.0353, 99.9816

# Complementary

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



79.5156, 85.0353, 73.1953



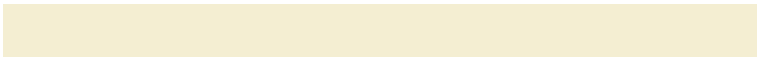
67.4631, 69.3436, 95.4176

# Split Complementary

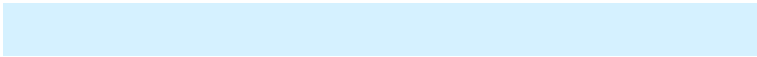
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.7120, 85.0353, 109.8015



79.5156, 85.0353, 73.1953



78.3340, 85.0353, 114.0753

# Square

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



79.5156, 85.0353, 73.1953



73.7330, 85.0353, 96.4064



82.1457, 85.0353, 115.1373



88.3546, 85.0353, 88.8737

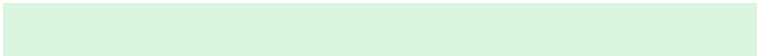


# Rectangle

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



79.5156, 85.0353, 73.1953



74.5492, 85.0353, 82.4167



82.1457, 85.0353, 115.1373



87.4403, 85.0353, 103.5657

# Sweetspot

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



79.5179, 85.0391, 73.1971



92.8798, 98.2182, 100.2889



72.7806, 70.2974, 74.8579



19.7949, 20.9521, 21.1302



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.



79.5179, 85.0391, 73.1971



86.4494, 92.7355, 75.3995



77.6649, 86.7182, 73.6189



17.6516, 18.7873, 17.4935



31.7311, 33.3477, 4.7643



2.8526, 3.0584, 0.4400



# Inverse Universe

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



67.4631, 69.3436, 95.4176



70.5088, 71.9815, 104.7853



69.1246, 67.9616, 95.0633



15.8174, 16.3990, 20.8742



9.4178, 4.6294, 46.9352

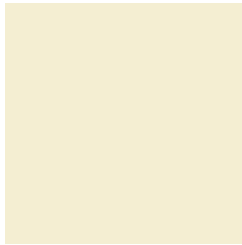


0.8926, 0.5367, 4.1468



# Previews

## White Background



This preview shows how the XYZ color 79.5156, 85.0353, 73.1953 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

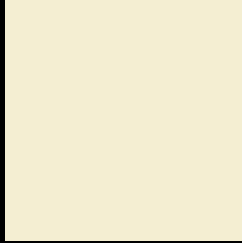
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.5156, 85.0353, 73.1953 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

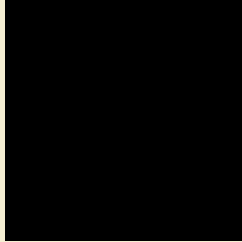
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 79.5156, 85.0353, 73.1953**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.5156, 85.0353, 73.1953.



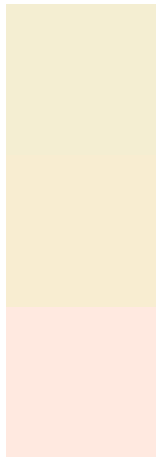
This preview shows how white text looks on a background with the XYZ color 79.5156, 85.0353,



# 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

79.5156, 85.0353, 73.1953

### Protanopia

80.5042, 85.1283, 72.5100

### Deuteranopia

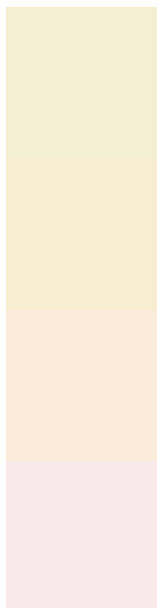
83.8335, 84.9196, 82.4936



## Tritanopia

85.5363, 84.9393, 102.3292

# Trichromacy



## Original Color

79.5156, 85.0353, 73.1953

## Protanomaly

80.1506, 84.9460, 72.4934

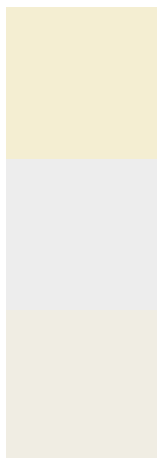
## Deuteranomaly

82.2782, 85.0404, 79.0957

## Tritanomaly

83.1296, 84.8003, 90.5839

# Monochromacy



## Original Color

79.5156, 85.0353, 73.1953

## Achromatopsia

80.4953, 84.6873, 92.2245

## Achromatomaly

80.0845, 84.6397, 84.7892

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.5156, 85.0353, 73.1953 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(244, 238, 210)` looks like.

```
.text, #text, p{  
    color:rgb(244, 238, 210)  
}
```

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(244, 238, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 238, 210) }
```

## Border

The CSS property to change the border of an element to XYZ 79.5156, 85.0353, 73.1953 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(244, 238, 210) }
```



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

```
.border{ border-color:rgb(244, 238, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 238, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 238, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 238, 210); box-shadow:4px 4px 4px 4px rgb(244, 238, 210) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.5156, 85.0353, 73.1953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 238, 210) }
```

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

```
.background{ background-color: rgb(244,  
238, 210) }
```

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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