

Converting Colors

XYZ(79.6851, 85.0291, 84.8211)

Have a look what the booklet for
XYZ(79.6851, 85.0291, 84.8211)
contains.

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Color

**XYZ(79.6996, 84.8723,
84.8544)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEEEE3
RGB	238, 238, 227
RGB Percent	93%, 93%, 89%
CMY	0.0667, 0.0666, 0.1098
CMYK	0.00, 0.00, 0.05, 0.07
HSL	60°, 24%, 91%
HSV	60°, 5%, 93%
XYZ	79.6996, 84.8723, 84.8544
YIQ	236.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

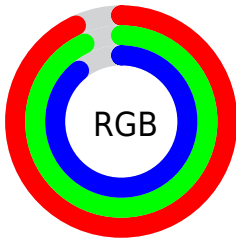
Format	Color
R_{YB}	227, 238, 227
Decimal	15658723
CIE Lab	93.83, -1.90, 5.31
CIE LCh	94, 5.640, 109.720
Yxy	84.8723, 0.3195, 0.3403
Android (android.graphics.Color)	4293848803 (0xFFEEEEEE3)
YUV	236.7460, -4.8048, 1.0998
Hunter-Lab	92.1262, -6.7980, 9.8782

Details

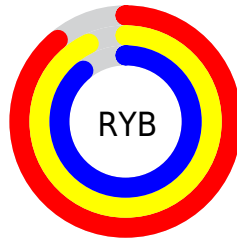
The XYZ color **79.6996, 84.8723, 84.8544** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.5835, 77.4444, 91.9107**, and the grayscale version is **80.3369, 84.5207, 92.0430**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4657, 46.3795, 45.6910** is the 20% darker color. If you saturate the color by 10%, you get **76.6369, 83.6496, 68.7324**, and if you desaturate by 10%, it is **83.2212, 86.2840, 103.3717**.

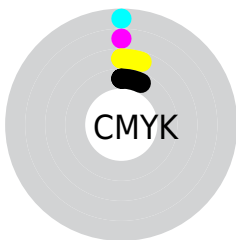
Distribution



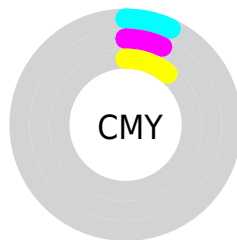
- Red (93%)
- Green (93%)
- Blue (89%)



- Red (89%)
- Yellow (93%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6996, 84.8723, 84.8544 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 79.6996, 84.8723, 84.8544 by changing the saturation by 10% instead.

■ 79.6996, 84.8723,
84.8544

■ 79.6996, 84.8723,
84.8544

482.6719,
511.2054, 531.2782

■ 59.7788, 63.7359,
63.1716

131.8960,
140.1947, 142.0421

■ 43.4891, 46.4368,
45.5382

164.9024,
175.1496, 178.3841

■ 30.4653, 32.5906,
31.5355

203.0013,
215.4793, 220.4496

■ 20.3418, 21.8130,
20.7451

246.5582,
261.5683, 268.6571

■ 12.7535, 13.7196,
12.7484

295.9383,
313.8010, 323.4251

■ 7.3348, 7.9259,
7.1268

351.5070,

■ 3.7206, 4.0476,

372.5619, 385.1723

3.4619

413.6298,
438.2352, 454.3172

■ 1.5453, 1.7002,
1.3350

■ 0.3563, 0.4238,
0.0903

■ 79.6996, 84.8723,
84.8544

■ 79.6996, 84.8723,
84.8544

■ 76.6369, 83.6496,
68.7324

■ 83.2212, 86.2840,
103.3717

■ 74.0075, 82.5975,
54.9028

■ 83.8929, 86.5531,
106.8925


■ 71.7940, 81.7117,
43.2632


■ 83.8961, 86.5547,
106.8927


■ 69.9751, 80.9837,
33.7012


■ 83.8993, 86.5564,
106.8928


 68.5275, 80.4043,
26.0948


 83.9025, 86.5580,
106.8930


 67.4256, 79.9632,
20.3090


 83.9056, 86.5596,
106.8931


 66.6406, 79.6489,
16.1917

 83.9088, 86.5613,
106.8933

 66.1389, 79.4478,
13.5663

 83.9120, 86.5629,
106.8934

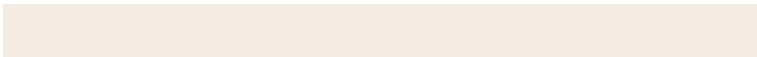
 65.8794, 79.3437,
12.2166

 83.9151, 86.5645,
106.8936

Harmonies

Analogous

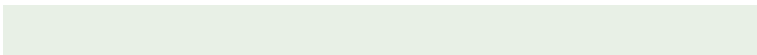
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1842, 84.8723, 84.5225



79.6996, 84.8723, 84.8544



78.4889, 84.8723, 87.1752

Triad

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



79.6996, 84.8723, 84.8544



78.8188, 84.8723, 98.8552



83.5389, 84.8723, 93.8929

Complementary

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



79.6996, 84.8723, 84.8544



74.5835, 77.4444, 91.9107

Split Complementary

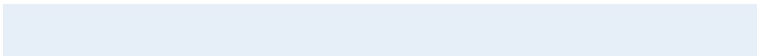
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.8882, 84.8723, 97.8535



79.6996, 84.8723, 84.8544



80.1552, 84.8723, 100.7767

Square

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



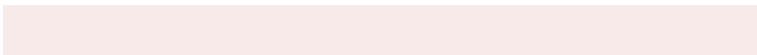
79.6996, 84.8723, 84.8544



77.9848, 84.8723, 95.2259



81.6454, 84.8723, 100.4045



83.4132, 84.8723, 89.6532

Rectangle

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



79.6996, 84.8723, 84.8544



77.9942, 84.8723, 89.5790



81.6454, 84.8723, 100.4045



83.4034, 84.8723, 95.3031

Sweetspot

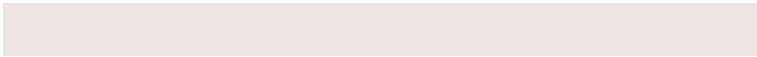
The Sweet Spot groups the original color and five complimentary colors.



79.7020, 84.8760, 84.8562



94.6417, 99.8367, 106.7520



76.5968, 78.6634, 83.8208



20.2615, 21.3709, 22.8720



0.0000, 0.0000, 0.0000



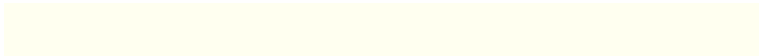
20.3446, 21.4041, 23.3091

Same Dimension

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



79.7020, 84.8760, 84.8562



92.6814, 99.0523, 96.4388



77.8841, 83.9388, 84.7712



17.3176, 18.5369, 17.8374



36.7116, 44.2471, 6.6056



3.0543, 3.6810, 0.5495

Inverse Universe

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



74.5835, 77.4444, 91.9107



84.9573, 87.8375, 107.0844



76.3455, 78.3527, 91.9931



15.7299, 16.2317, 20.0256



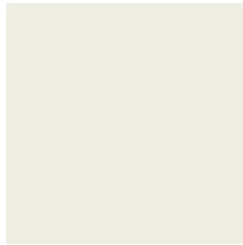
8.6108, 3.4444, 45.3389



0.7165, 0.2866, 3.7718

Previews

White Background



This preview shows how the XYZ color 79.6996, 84.8723, 84.8544 looks on a white background.

Color Contrast Check

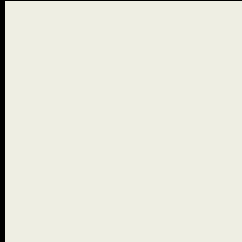
Large Text (above 18pt) WCAG AA × Fail

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 79.6996, 84.8723, 84.8544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

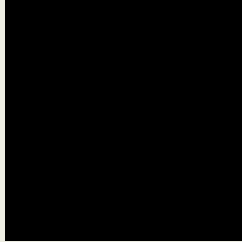
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

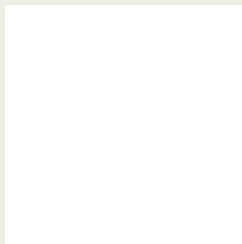
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6996, 84.8723, 84.8544

Background



This preview shows how black text looks on a background with the XYZ color 79.6996, 84.8723, 84.8544.



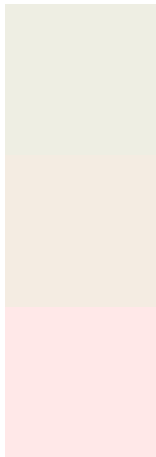
This preview shows how white text looks on a background with the XYZ color 79.6996, 84.8723,

84.8544.

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

79.6996, 84.8723, 84.8544

Protanopia

81.0311, 84.7150, 84.0323

Deuteranopia

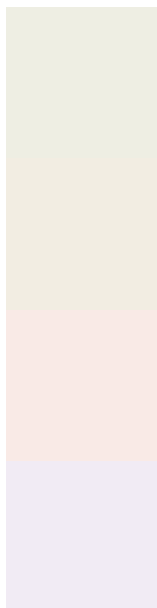
84.6621, 84.7994, 88.2497



Tritanopia

83.7704, 84.8147, 104.8842

Trichromacy



Original Color

79.6996, 84.8723, 84.8544

Protanomaly

80.6296, 84.9366, 84.0963

Deuteranomaly

82.7727, 84.6985, 86.8488

Tritanomaly

82.3131, 84.6491, 97.5885

Monochromacy



Original Color

79.6996, 84.8723, 84.8544

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.9172, 84.4561, 89.1804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6996, 84.8723, 84.8544 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(238, 238, 227) looks like.

```
.text, #text, p{  
    color:rgb(238, 238, 227)  
}
```

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(238, 238, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 238, 227) }
```

Border

The CSS property to change the border of an element to XYZ 79.6996, 84.8723, 84.8544 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(238, 238, 227) }
```


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

```
.border{ border-color:rgb(238, 238, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 238, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 238, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 238, 227);  
box-shadow:4px 4px 4px 4px rgb(238, 238,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6996, 84.8723, 84.8544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 238, 227) }
```

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

```
.background{ background-color: rgb(238,  
238, 227) }
```

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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