

Converting Colors

XYZ(79.7904, 85.2247, 79.4731)

Have a look what the booklet for
XYZ(79.7904, 85.2247, 79.4731)
contains.

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Color

**XYZ(79.6363, 84.9643,
79.2203)**

Conversions

Conversions Part 1

Format	Color
Hex	F1EEDB
RGB	241, 238, 219
RGB Percent	95%, 93%, 86%
CMY	0.0549, 0.0666, 0.1412
CMYK	0.00, 0.01, 0.09, 0.05
HSL	52°, 44%, 90%
HSV	52°, 9%, 95%
XYZ	79.6363, 84.9643, 79.2203
YIQ	236.7310, 7.8870, -5.2730

Conversions

Conversions Part 2

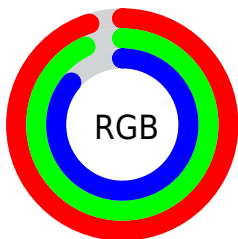
Format	Color
R_{YB}	222, 241, 219
Decimal	15855323
CIE _{Lab}	93.87, -2.20, 9.54
CIE _{LCh}	94, 9.795, 102.974
Yxy	84.9643, 0.3266, 0.3485
Android (android.graphics.Color)	4294045403 (0xFFFF1EEDB)
YUV	236.7310, -8.7414, 3.7439
Hunter-Lab	92.1761, -7.0916, 13.5667

Details

The XYZ color **79.6363, 84.9643, 79.2203** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.2117, 73.6522, 93.6829**, and the grayscale version is **80.3522, 84.5368, 92.0605**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4364, 46.4505, 41.7985** is the 20% darker color. If you saturate the color by 10%, you get **75.7448, 81.8958, 63.3868**, and if you desaturate by 10%, it is **84.0093, 88.2588, 97.4826**.

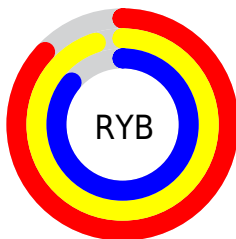
Distribution



Red (95%)

Green (93%)

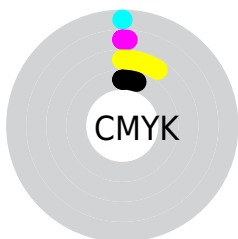
Blue (86%)



Red (87%)

Yellow (95%)

Blue (86%)

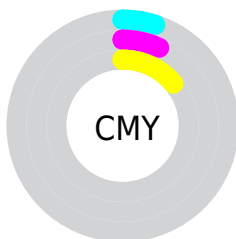


Cyan (0%)

Magenta (1%)

Yellow (9%)

Black (5%)



Cyan (5%)

Magenta (7%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6363, 84.9643, 79.2203 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 79.6363, 84.9643, 79.2203 by changing the saturation by 10% instead.

79.6363, 84.9643,
79.2203

79.6363, 84.9643,
79.2203

482.4615,
511.5099, 511.9386

59.7265, 63.8119,
58.5546

131.8075,
140.3233, 134.0704

43.4469, 46.4983,
41.8370

164.7996,
175.2987, 169.0919

30.4319, 32.6392,
28.6491

202.8833,
215.6505, 209.7357

20.3164, 21.8502,
18.5722

246.4238,
261.7631, 256.4204

12.7348, 13.7469,
11.1879

295.7865,
314.0210, 309.5645

7.3219, 7.9448,
6.0776

351.3368,

3.7124, 4.0597,

372.8085, 369.5865

2.8228

413.4400,
438.5100, 436.9050

■ 1.5407, 1.7070,
1.0049

■ 0.3533, 0.4282,
0.0000

■ 79.6363, 84.9643,
79.2203

■ 79.6363, 84.9643,
79.2203

■ 75.7448, 81.8958,
63.3868

■ 84.0093, 88.2588,
97.4826

■ 72.3080, 79.0342,
49.8731

■ 86.8478, 90.9647,
107.5883

■ 69.3072, 76.3745,
38.5700

■ 87.8470, 92.9630,
107.9214

■ 66.7194, 73.9075,
29.3574

■ 88.8638, 94.9967,
108.2603

■ 64.5196, 71.6229,
22.1038

■ 89.8984, 97.0659,
108.6052

■ 62.6799, 69.5094,
16.6627

■ 90.0860, 97.4409,
108.6677

■ 61.1684, 67.5542,
12.8671

■ 59.9475, 65.7421,
10.5190

■ 58.9596, 64.0498,
9.3157

Harmonies

Analogous

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



82.2321, 84.9643, 79.4574



79.6363, 84.9643, 79.2203



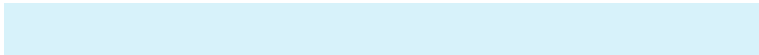
77.3883, 84.9643, 82.4041

Triad

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



79.6363, 84.9643, 79.2203



77.1450, 84.9643, 102.6427



85.6425, 84.9643, 96.7776

Complementary

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



79.6363, 84.9643, 79.2203



71.2117, 73.6522, 93.6829

Split Complementary

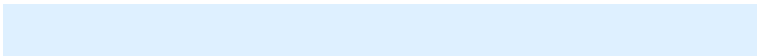
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.2201, 84.9643, 103.4137



79.6363, 84.9643, 79.2203



79.2977, 84.9643, 106.9228

Square

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



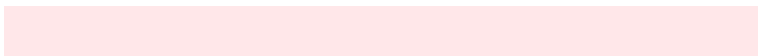
79.6363, 84.9643, 79.2203



75.9709, 84.9643, 95.7709



81.8862, 84.9643, 107.2123



85.7380, 84.9643, 89.3272

Rectangle

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



79.6363, 84.9643, 79.2203



76.3742, 84.9643, 86.1428



81.8862, 84.9643, 107.2123



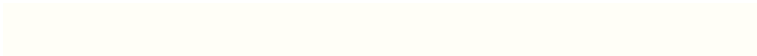
85.3023, 84.9643, 99.1870

Sweetspot

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



79.6386, 84.9680, 79.2221



93.5112, 98.8543, 102.4314



74.8332, 74.6550, 79.7851



19.9290, 21.0942, 21.5638



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.



79.6386, 84.9680, 79.2221



89.6520, 95.9109, 86.4244



77.9447, 85.4001, 79.3948



16.9287, 18.0705, 16.7454



32.0016, 34.8013, 5.0307



2.7124, 2.9956, 0.4352

Inverse Universe

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



71.2117, 73.6522, 93.6829



78.2240, 80.5653, 106.0355



72.7938, 73.2973, 93.5310



15.0708, 15.5757, 19.9337



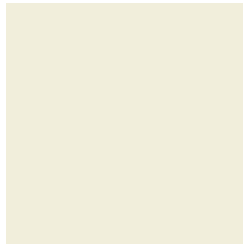
8.9574, 4.1390, 45.4547



0.7992, 0.4523, 3.7994

Previews

White Background



This preview shows how the XYZ color 79.6363, 84.9643, 79.2203 looks on a white background.

Color Contrast Check

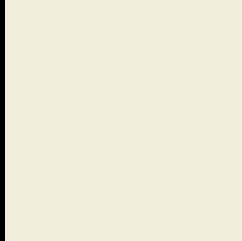
Large Text (above 18pt) WCAG AA × Fail

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 79.6363, 84.9643, 79.2203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

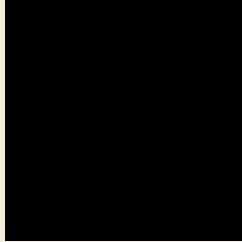
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

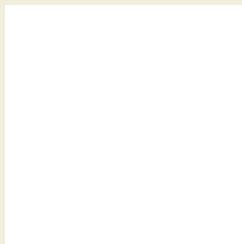
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6363, 84.9643, 79.2203

Background



This preview shows how black text looks on a background with the XYZ color 79.6363, 84.9643, 79.2203.



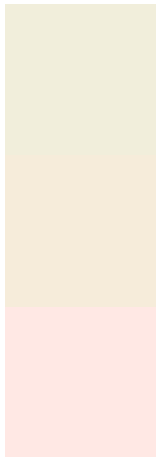
This preview shows how white text looks on a background with the XYZ color 79.6363, 84.9643,

79.2203.

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

79.6363, 84.9643, 79.2203

Protanopia

80.6564, 84.6457, 78.4169

Deuteranopia

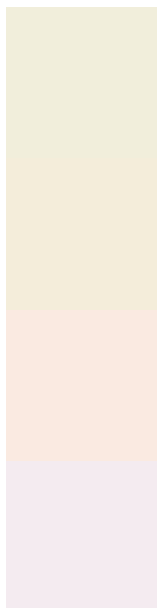
84.1002, 84.5747, 85.2908



Tritanopia

84.7156, 84.8989, 104.0176

Trichromacy



Original Color

79.6363, 84.9643, 79.2203

Protanomaly

80.2473, 84.8634, 78.4805

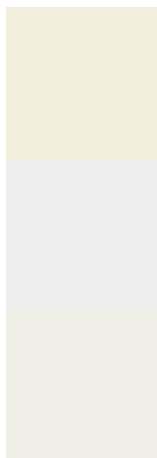
Deuteranomaly

82.4378, 84.6059, 83.2198

Tritanomaly

82.7447, 84.9410, 94.4722

Monochromacy



Original Color

79.6363, 84.9643, 79.2203

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.8270, 84.4587, 86.9577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6363, 84.9643, 79.2203 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(241, 238, 219) looks like.

```
.text, #text, p{  
    color:rgb(241, 238, 219)  
}
```

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(241, 238, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 238, 219) }
```

Border

The CSS property to change the border of an element to XYZ 79.6363, 84.9643, 79.2203 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(241, 238, 219) }
```


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

```
.border{ border-color:rgb(241, 238, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 238, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 238, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 238, 219); box-shadow:4px 4px 4px 4px rgb(241, 238, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6363, 84.9643, 79.2203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 238, 219) }
```

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

```
.background{ background-color: rgb(241,  
238, 219) }
```

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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