

Converting Colors

XYZ(75.9925, 81.1649, 81.6567)

Have a look what the booklet for
XYZ(75.9925, 81.1649, 81.6567)
contains.

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Color

**XYZ(76.0208, 81.3292,
81.5034)**

Conversions

Conversions Part 1

Format	Color
Hex	E8EADF
RGB	232, 234, 223
RGB Percent	91%, 92%, 87%
CMY	0.0902, 0.0823, 0.1255
CMYK	0.01, 0.00, 0.05, 0.08
HSL	71°, 21%, 90%
HSV	71°, 5%, 92%
XYZ	76.0208, 81.3292, 81.5034
YIQ	232.1480, 2.3390, -3.8450

Conversions

Conversions Part 2

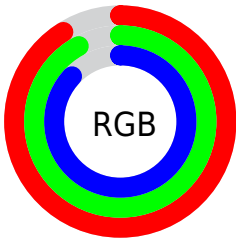
Format	Color
R _Y B	223, 234, 225
Decimal	15264479
CIE Lab	92.28, -2.59, 5.09
CIE LCh	92, 5.713, 116.966
Yxy	81.3292, 0.3183, 0.3405
Android (android.graphics.Color)	4293454559 (0xFFE8EADF)
YUV	232.1480, -4.5100, -0.1298
Hunter-Lab	90.1827, -7.3506, 9.5440

Details

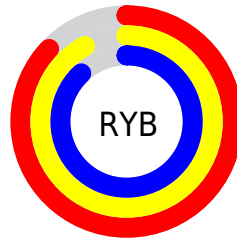
The XYZ color **76.0208, 81.3292, 81.5034** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.2935, 74.7256, 88.4594**, and the grayscale version is **76.8460, 80.8480, 88.0434**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8928, 43.8980, 43.3637** is the 20% darker color. If you saturate the color by 10%, you get **71.7152, 79.4516, 65.9554**, and if you desaturate by 10%, it is **80.8006, 83.4055, 99.3531**.

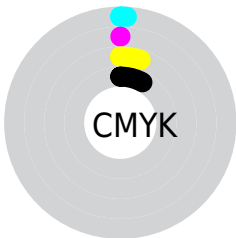
Distribution



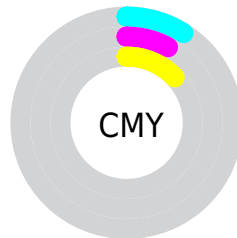
- Red (91%)
- Green (92%)
- Blue (87%)



- Red (87%)
- Yellow (92%)
- Blue (88%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



- Cyan (9%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0208, 81.3292, 81.5034 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 76.0208, 81.3292, 81.5034 by changing the saturation by 10% instead.

■ 76.0208, 81.3292,
81.5034

■ 76.0208, 81.3292,
81.5034

470.3622,
499.4011, 519.8248

■ 56.7467, 60.8128,
60.4229

126.7365,
135.2329, 137.3078

■ 41.0412, 44.0741,
43.3320

158.9088,
169.3890, 172.8687

■ 28.5391, 30.7288,
29.8124

196.1112,
208.8604, 214.0936

■ 18.8750, 20.3924,
19.4454

238.7091,
254.0315, 261.4008

■ 11.6834, 12.6806,
11.8125

287.0677,
305.2867, 315.2090

■ 6.5992, 7.2090,
6.4951

341.5526,

■ 3.2568, 3.5931,

363.0105, 375.9367

3.0748

402.5289,
427.5871, 444.0025

■ 1.2910, 1.4487,
1.1330

■ 0.1765, 0.2522,
0.0000

■ 76.0208, 81.3292,
81.5034

■ 76.0208, 81.3292,
81.5034

■ 71.7152, 79.4516,
65.9554

■ 80.8006, 83.4055,
99.3531

■ 67.8590, 77.7551,
52.6101

■ 83.5887, 84.6865,
106.5483

■ 64.4352, 76.2353,
41.3692

■ 85.0572, 85.4435,
106.6170

■ 61.4232, 74.8841,
32.1251

■ 86.5600, 86.2183,
106.6873

■ 58.8004, 73.6922,
24.7603

■ 88.0973, 87.0107,
106.7593

■ 56.5420, 72.6499,
19.1453

■ 88.7145, 87.3289,
106.7882

■ 54.6199, 71.7459,
15.1342

■ 53.0019, 70.9671,
12.5574

■ 51.6482, 70.2977,
11.2073

Harmonies

Analogous

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



77.4513, 81.3292, 80.6806



76.0208, 81.3292, 81.5034



74.9454, 81.3292, 84.1952

Triad

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



76.0208, 81.3292, 81.5034



75.7638, 81.3292, 95.5459



80.1706, 81.3292, 88.9846

Complementary

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



76.0208, 81.3292, 81.5034



72.2935, 74.7256, 88.4594

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.



79.7054, 81.3292, 93.0600



76.0208, 81.3292, 81.5034



77.1508, 81.3292, 96.9230

Square

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



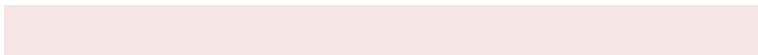
76.0208, 81.3292, 81.5034



74.7983, 81.3292, 92.2918



78.5954, 81.3292, 95.9992



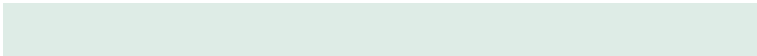
79.8588, 81.3292, 84.9179

Rectangle

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



76.0208, 81.3292, 81.5034



74.5682, 81.3292, 86.7328



78.5954, 81.3292, 95.9992



80.0997, 81.3292, 90.3999

Sweetspot

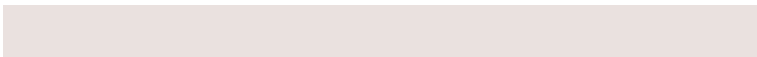
The Sweet Spot groups the original color and five complimentary colors.



76.0231, 81.3327, 81.5052



94.4714, 99.7488, 106.7441



74.1339, 76.5828, 80.6879



20.2269, 21.3530, 22.8703



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.



76.0231, 81.3327, 81.5052



91.6657, 98.5287, 96.3912



74.3184, 80.4539, 81.4254



16.3379, 17.5983, 17.0288



28.7593, 39.3704, 6.0835



2.3282, 3.1276, 0.4810

Inverse Universe

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



72.2935, 74.7256, 88.4594



85.9072, 88.3272, 107.1288



73.9819, 75.5960, 88.5385



15.2101, 15.6003, 19.1318



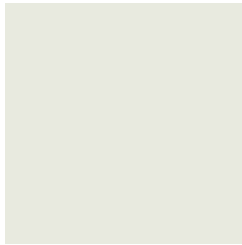
8.9722, 3.6613, 43.9768



0.7774, 0.3251, 3.4566

Previews

White Background



This preview shows how the XYZ color 76.0208, 81.3292, 81.5034 looks on a white background.

Color Contrast Check

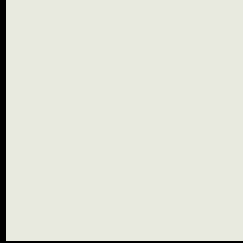
Large Text (above 18pt) WCAG AA × Fail

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 76.0208, 81.3292, 81.5034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

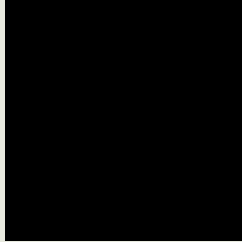
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

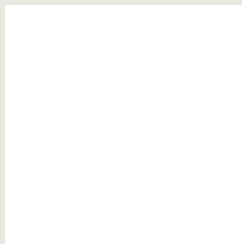
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.0208, 81.3292, 81.5034

Background



This preview shows how black text looks on a background with the XYZ color 76.0208, 81.3292, 81.5034.



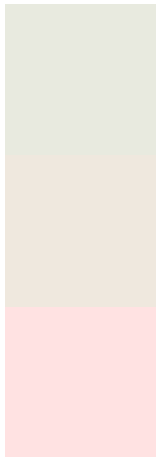
This preview shows how white text looks on a background with the XYZ color 76.0208, 81.3292,

81.5034.

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

76.0208, 81.3292, 81.5034

Protanopia

77.6380, 81.3379, 80.7151

Deuteranopia

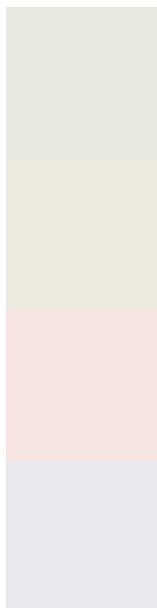
82.1638, 81.1437, 83.2833



Tritanopia

79.8322, 81.2038, 100.2732

Trichromacy



Original Color

76.0208, 81.3292, 81.5034

Protanomaly

76.9158, 81.3846, 80.7621

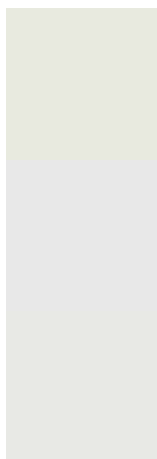
Deuteranomaly

79.9677, 81.2490, 82.7020

Tritanomaly

78.4169, 81.0460, 93.1718

Monochromacy



Original Color

76.0208, 81.3292, 81.5034

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.5605, 81.0908, 85.7457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0208, 81.3292, 81.5034 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(232, 234, 223) looks like.

```
.text, #text, p{  
    color:rgb(232, 234, 223)  
}
```

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(232, 234, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 234, 223) }
```

Border

The CSS property to change the border of an element to XYZ 76.0208, 81.3292, 81.5034 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(232, 234, 223) }
```


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

```
.border{ border-color:rgb(232, 234, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 234, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 234, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 234, 223); box-shadow:4px 4px 4px 4px rgb(232, 234, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0208, 81.3292, 81.5034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 234, 223) }
```

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

```
.background{ background-color: rgb(232,  
234, 223) }
```

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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