

Converting Colors

XYZ(75.3283, 81.0764, 88.2859)

Have a look what the booklet for
XYZ(75.3283, 81.0764, 88.2859)
contains.

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Color

**XYZ(75.3252, 81.2504,
88.0568)**

Conversions

Conversions Part 1

Format	Color
Hex	E1EBE8
RGB	225, 235, 232
RGB Percent	88%, 92%, 91%
CMY	0.1176, 0.0784, 0.0902
CMYK	0.04, 0.00, 0.01, 0.08
HSL	162°, 20%, 90%
HSV	162°, 4%, 92%
XYZ	75.3252, 81.2504, 88.0568
YIQ	231.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

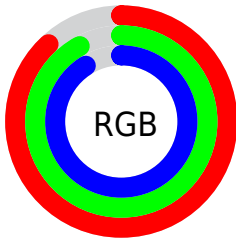
Format	Color
R _Y B	225, 231, 235
Decimal	14805992
CIE Lab	92.24, -3.86, 0.29
CIE LCh	92, 3.871, 175.711
Yxy	81.2504, 0.3079, 0.3321
Android (android.graphics.Color)	4292996072 (0xFFE1EBE8)
YUV	231.6680, 0.1637, -5.8478
Hunter-Lab	90.1390, -8.5787, 5.1769

Details

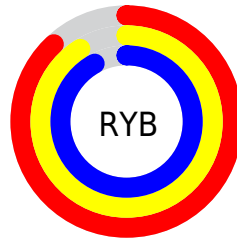
The XYZ color **75.3252, 81.2504, 88.0568** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.1928, 77.1162, 84.3246**, and the grayscale version is **76.4570, 80.4388, 87.5978**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5341, 43.9208, 47.4155** is the 20% darker color. If you saturate the color by 10%, you get **67.5154, 77.3401, 82.5649**, and if you desaturate by 10%, it is **84.1882, 85.7036, 93.8115**.

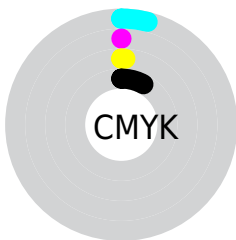
Distribution



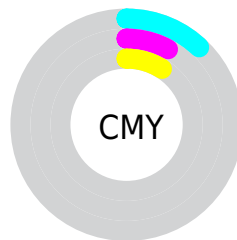
- Red (88%)
- Green (92%)
- Blue (91%)



- Red (88%)
- Yellow (91%)
- Blue (92%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (12%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3252, 81.2504, 88.0568 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 75.3252, 81.2504, 88.0568 by changing the saturation by 10% instead.

■ 75.3252, 81.2504,
88.0568

■ 75.3252, 81.2504,
88.0568

468.0146,
499.1368, 542.0953

■ 56.1745, 60.7478,
65.8055

125.7580,
135.1223, 146.5481

■ 40.5804, 44.0217,
47.6590

157.7708,
169.2605, 183.6251

■ 28.1776, 30.6876,
33.1989

194.8017,
208.7126, 226.4812

■ 18.6007, 20.3611,
22.0065

237.2160,
253.8631, 275.5348

■ 11.4844, 12.6578,
13.6633

285.3791,
305.0964, 331.2044

■ 6.4633, 7.1933,
7.7508

339.6563,

■ 3.1721, 3.5833,

362.7968, 393.9087

3.8504

400.4130,
427.3489, 464.0662

■ 1.2454, 1.4433,
1.5437

■ 0.1418, 0.2483,
0.2501

■ 75.3252, 81.2504,
88.0568

■ 75.3252, 81.2504,
88.0568

■ 67.5154, 77.3401,
82.5649

■ 84.1882, 85.7036,
93.8115

■ 60.7105, 73.9410,
77.3259

■ 87.6020, 87.3406,
99.5220

■ 54.8686, 71.0337,
72.3373

■ 88.7067, 87.7824,
105.3393

■ 49.9422, 68.5939,
67.5942

■ 88.9999, 87.8997,
106.8833

■ 45.8795, 66.5950,
63.0916

■ 42.6235, 65.0075,
58.8242

■ 40.1101, 63.7986,
54.7865

■ 38.2649, 62.9299,
50.9721

■ 36.9974, 62.3548,
47.3740

Harmonies

Analogous

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



75.6489, 81.2504, 85.4028



75.3252, 81.2504, 88.0568



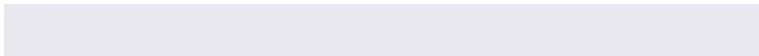
75.5072, 81.2504, 90.8775

Triad

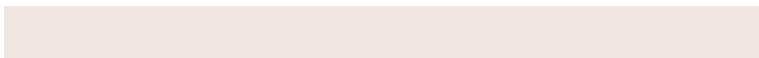
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3252, 81.2504, 88.0568



78.0629, 81.2504, 93.5208



78.3140, 81.2504, 83.9974

Complementary

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



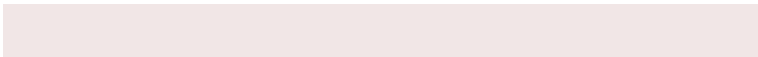
75.3252, 81.2504, 88.0568



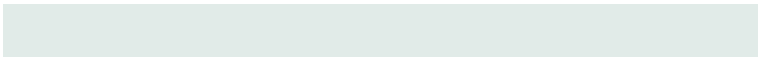
75.1928, 77.1162, 84.3246

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.



78.9708, 81.2504, 86.1012



75.3252, 81.2504, 88.0568



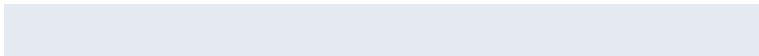
78.8250, 81.2504, 91.6054

Square

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



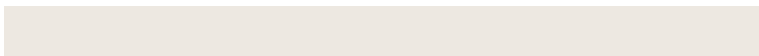
75.3252, 81.2504, 88.0568



77.0824, 81.2504, 94.0714



79.1586, 81.2504, 88.8802



77.3699, 81.2504, 83.0914

Rectangle

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



75.3252, 81.2504, 88.0568



75.8917, 81.2504, 92.4670



79.1586, 81.2504, 88.8802



78.5760, 81.2504, 84.5857

Sweetspot

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



75.3275, 81.2539, 88.0586



93.9950, 99.4703, 108.2084



75.3495, 81.3778, 82.9716



20.1299, 21.2963, 23.1684



0.0000, 0.0000, 0.0000



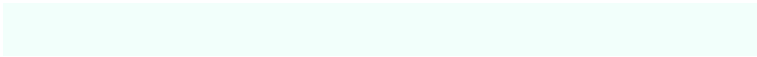
20.3446, 21.4041, 23.3091

Same Dimension

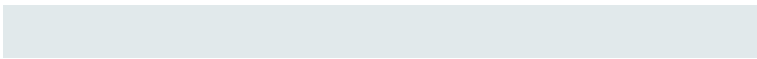
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3275, 81.2539, 88.0586



89.9035, 97.4174, 105.4738



75.2355, 80.3812, 90.1511



15.9646, 17.3665, 18.7867



20.3445, 34.5923, 25.5770



1.6397, 2.7332, 2.2304

Inverse Universe

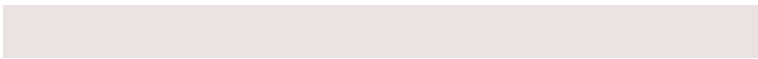
The Inverse Universe completely reimagines the original color for something new.



75.1928, 77.1162, 84.3246



89.7132, 91.5718, 100.1985



75.2778, 77.9478, 82.3133



15.9263, 16.1894, 17.7245



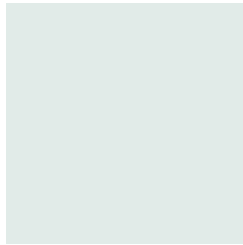
19.7422, 10.0996, 4.4436



1.5914, 0.8095, 0.5657

Previews

White Background



This preview shows how the XYZ color 75.3252, 81.2504, 88.0568 looks on a white background.

Color Contrast Check

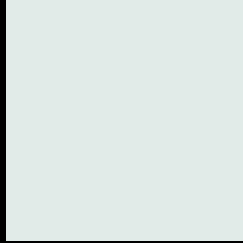
Large Text (above 18pt) WCAG AA × Fail

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 75.3252, 81.2504, 88.0568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

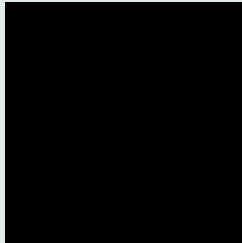
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

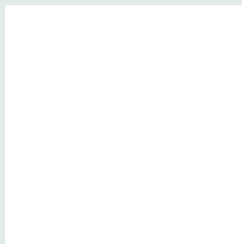
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3252, 81.2504, 88.0568

Background



This preview shows how black text looks on a background with the XYZ color 75.3252, 81.2504, 88.0568.



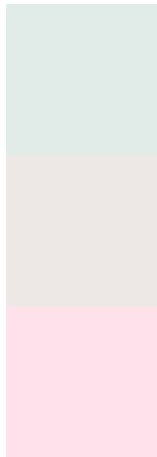
This preview shows how white text looks on a background with the XYZ color 75.3252, 81.2504,

88.0568.

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

75.3252, 81.2504, 88.0568

Protanopia

77.7839, 80.8695, 86.3726

Deuteranopia

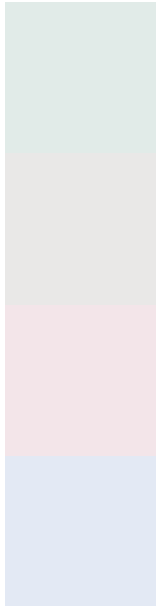
82.6495, 80.8618, 89.0937



Tritanopia

78.2641, 81.1722, 102.8096

Trichromacy



Original Color

75.3252, 81.2504, 88.0568

Protanomaly

76.8847, 80.8064, 87.1462

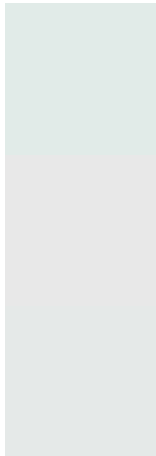
Deuteranomaly

79.6894, 80.9765, 88.5207

Tritanomaly

77.1466, 81.1404, 97.1835

Monochromacy



Original Color

75.3252, 81.2504, 88.0568

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.0175, 80.7620, 87.9260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3252, 81.2504, 88.0568 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(225, 235, 232) looks like.

```
.text, #text, p{  
    color:rgb(225, 235, 232)  
}
```

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(225, 235, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 235, 232) }
```

Border

The CSS property to change the border of an element to XYZ 75.3252, 81.2504, 88.0568 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(225, 235, 232) }
```


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

```
.border{ border-color:rgb(225, 235, 232) }
```

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

Here you see how a box with a 4 pixel rgb(225, 235, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 235, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 235, 232);  
box-shadow:4px 4px 4px 4px rgb(225, 235,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3252, 81.2504, 88.0568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 235, 232) }
```

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

```
.background{ background-color: rgb(225,  
235, 232) }
```

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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