

Converting Colors

XYZ(75.0595, 81.7429, 88.5628)

Have a look what the booklet for
XYZ(75.0595, 81.7429, 88.5628)
contains.

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Color

**XYZ(75.4236, 82.1395,
88.9701)**

Conversions

Conversions Part 1

Format	Color
Hex	DFEDE9
RGB	223, 237, 233
RGB Percent	87%, 93%, 91%
CMY	0.1255, 0.0706, 0.0863
CMYK	0.06, 0.00, 0.02, 0.07
HSL	163°, 28%, 90%
HSV	163°, 6%, 93%
XYZ	75.4236, 82.1395, 88.9701
YIQ	232.3580, -7.0600, -4.2120

Conversions

Conversions Part 2

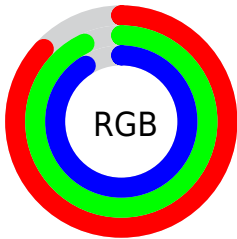
Format	Color
R _Y B	223, 231, 237
Decimal	14675433
CIE Lab	92.64, -5.35, 0.33
CIE LCh	93, 5.364, 176.518
Yxy	82.1395, 0.3059, 0.3332
Android (android.graphics.Color)	4292865513 (0xFFDFE9)
YUV	232.3580, 0.3165, -8.2070
Hunter-Lab	90.6308, -10.0551, 5.2380

Details

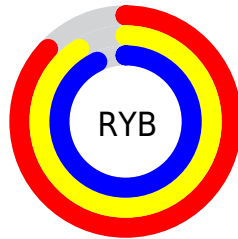
The XYZ color **75.4236, 82.1395, 88.9701** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.1808, 76.3281, 83.4473**, and the grayscale version is **76.9733, 80.9819, 88.1893**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6081, 44.5469, 48.0531** is the 20% darker color. If you saturate the color by 10%, you get **67.6774, 78.2582, 83.6524**, and if you desaturate by 10%, it is **84.2337, 86.5696, 94.5350**.

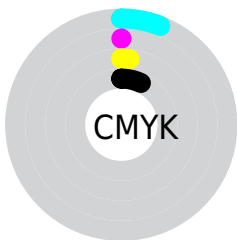
Distribution



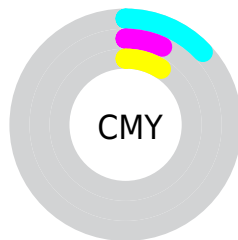
- Red (87%)
- Green (93%)
- Blue (91%)



- Red (87%)
- Yellow (91%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4236, 82.1395, 88.9701 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 75.4236, 82.1395, 88.9701 by changing the saturation by 10% instead.

75.4236, 82.1395,
88.9701

75.4236, 82.1395,
88.9701

468.3470,
502.1142, 545.1583

56.2554, 61.4805,
66.5579

125.8965,
136.3696, 147.8300

40.6455, 44.6131,
48.2661

157.9319,
170.7095, 185.1147

28.2287, 31.1528,
33.6762

194.9871,
210.3786, 228.1940

18.6394, 20.7152,
22.3696

237.4274,
255.7611, 277.4865

11.5125, 12.9160,
13.9278

285.6182,
307.2416, 333.4106

6.4825, 7.3707,
7.9323

339.9248,

3.1840, 3.6950,

365.2043, 396.3849

3.9645

400.7127,
430.0337, 466.8280

■ 1.2518, 1.5045,
1.6059

■ 0.1467, 0.2919,
0.2950

■ 75.4236, 82.1395,
88.9701

■ 75.4236, 82.1395,
88.9701

■ 67.6774, 78.2582,
83.6524

■ 84.2337, 86.5696,
94.5350

■ 60.9456, 74.8933,
78.5725

■ 88.2454, 88.5193,
100.0698

■ 55.1848, 72.0248,
73.7277

■ 89.3079, 88.9443,
105.6649

■ 50.3461, 69.6274,
69.1136

■ 89.5757, 89.0514,
107.0752

■ 46.3758, 67.6737,
64.7253

■ 43.2147, 66.1330,
60.5579

■ 40.7960, 64.9711,
56.6058

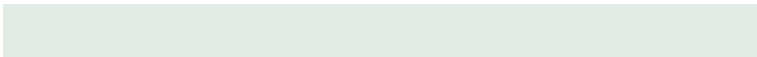
■ 39.0416, 64.1477,
52.8630

■ 37.8553, 63.6133,
49.3225

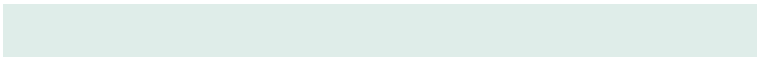
Harmonies

Analogous

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



75.8547, 82.1395, 85.2636



75.4236, 82.1395, 88.9701



75.6949, 82.1395, 92.9107

Triad

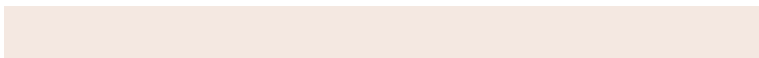
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4236, 82.1395, 88.9701



79.2752, 82.1395, 96.4891



79.5606, 82.1395, 83.1790

Complementary

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



75.4236, 82.1395, 88.9701



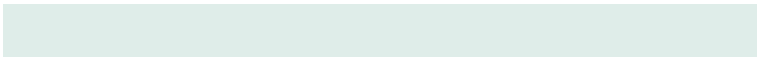
75.1808, 76.3281, 83.4473

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.



80.4965, 82.1395, 86.0489



75.4236, 82.1395, 88.9701



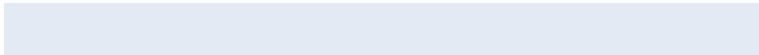
80.3304, 82.1395, 93.7423

Square

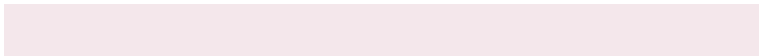
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



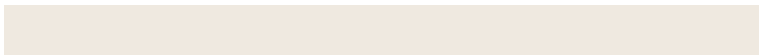
75.4236, 82.1395, 88.9701



77.9083, 82.1395, 97.3270



80.7799, 82.1395, 89.9034



78.2342, 82.1395, 81.9834

Rectangle

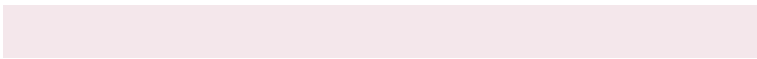
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



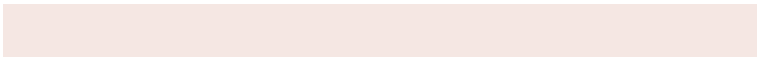
75.4236, 82.1395, 88.9701



76.2394, 82.1395, 95.1280



80.7799, 82.1395, 89.9034



79.9320, 82.1395, 83.9756

Sweetspot

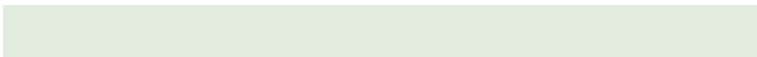
The Sweet Spot groups the original color and five complimentary colors.



75.4259, 82.1430, 88.9719



92.9646, 98.9520, 107.5817



75.3478, 82.2631, 81.7204



19.9201, 21.1908, 23.0408



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

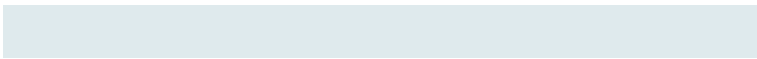
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4259, 82.1430, 88.9719



87.9743, 96.4460, 104.3368



75.1999, 80.7652, 91.7506



15.6430, 17.2045, 18.6007



20.5157, 34.6607, 26.4784



1.6521, 2.7381, 2.2955

Inverse Universe

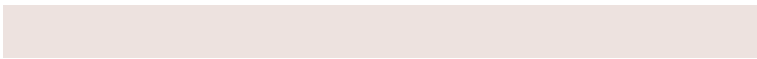
The Inverse Universe completely reimagines the original color for something new.



75.1808, 76.3281, 83.4473



87.6327, 88.3413, 96.6368



75.3890, 77.6186, 80.8218



15.5774, 15.6490, 17.1229



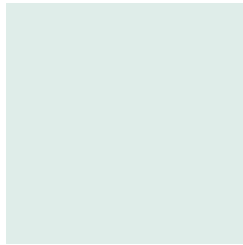
19.6823, 10.0756, 4.1281



1.5857, 0.8073, 0.5358

Previews

White Background



This preview shows how the XYZ color 75.4236, 82.1395, 88.9701 looks on a white background.

Color Contrast Check

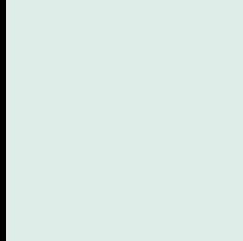
Large Text (above 18pt) WCAG AA × Fail

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 75.4236, 82.1395, 88.9701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

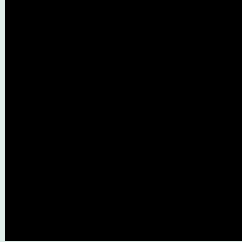
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

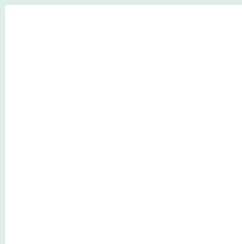
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4236, 82.1395, 88.9701

Background



This preview shows how black text looks on a background with the XYZ color 75.4236, 82.1395, 88.9701.



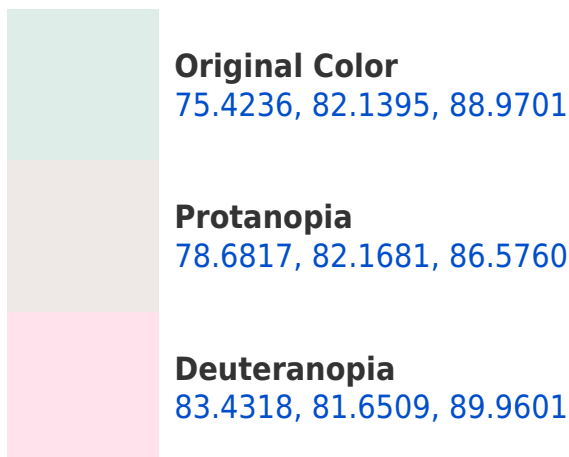
This preview shows how white text looks on a background with the XYZ color 75.4236, 82.1395,

88.9701.

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

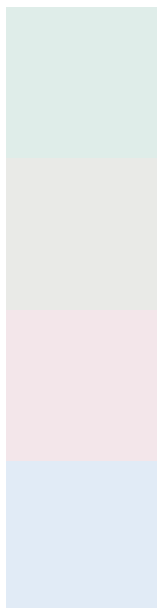




Tritanopia

78.5165, 82.1062, 104.6383

Trichromacy



Original Color

75.4236, 82.1395, 88.9701

Protanomaly

77.4509, 81.9388, 87.3350

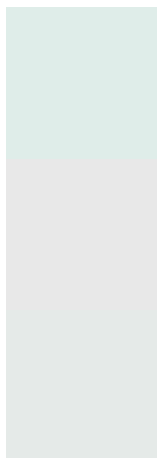
Deuteranomaly

80.1102, 81.5888, 89.3679

Tritanomaly

77.3942, 82.0780, 98.9523

Monochromacy



Original Color

75.4236, 82.1395, 88.9701

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.3014, 81.3298, 88.0206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4236, 82.1395, 88.9701 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(223, 237, 233) looks like.

```
.text, #text, p{  
    color:rgb(223, 237, 233)  
}
```

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(223, 237, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 237, 233) }
```

Border

The CSS property to change the border of an element to XYZ 75.4236, 82.1395, 88.9701 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(223, 237, 233) }
```


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

```
.border{ border-color:rgb(223, 237, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 237, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 237, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 237, 233);  
box-shadow:4px 4px 4px 4px rgb(223, 237,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4236, 82.1395, 88.9701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 237, 233) }
```

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

```
.background{ background-color: rgb(223,  
237, 233) }
```

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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