

Converting Colors

XYZ(75.3713, 81.2897, 98.0340)

Have a look what the booklet for
XYZ(75.3713, 81.2897, 98.0340)
contains.

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Color

**XYZ(75.3903, 81.4889,
98.1416)**

Conversions

Conversions Part 1

Format	Color
Hex	DAECF5
RGB	218, 236, 245
RGB Percent	85%, 93%, 96%
CMY	0.1451, 0.0745, 0.0392
CMYK	0.11, 0.04, 0.00, 0.04
HSL	200°, 57%, 91%
HSV	200°, 11%, 96%
XYZ	75.3903, 81.4889, 98.1416
YIQ	231.6440, -13.6170, -1.0170

Conversions

Conversions Part 2

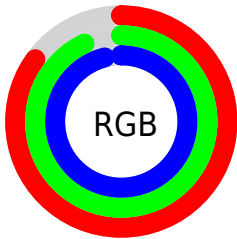
Format	Color
R _Y B	218, 229, 245
Decimal	14347509
CIE Lab	92.35, -4.18, -6.39
CIE LCh	92, 7.634, 236.776
Yxy	81.4889, 0.2956, 0.3195
Android (android.graphics.Color)	4292537589 (0xFFDAECF5)
YUV	231.6440, 6.5845, -11.9658
Hunter-Lab	90.2712, -8.8997, -1.2694

Details

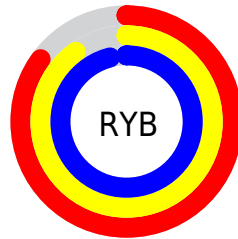
The XYZ color **75.3903, 81.4889, 98.1416** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.7805, 79.4121, 77.5597**, and the grayscale version is **76.3973, 80.3759, 87.5293**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6108, 44.1032, 54.5165** is the 20% darker color. If you saturate the color by 10%, you get **66.3020, 73.3959, 97.0598**, and if you desaturate by 10%, it is **85.6737, 90.3619, 99.3135**.

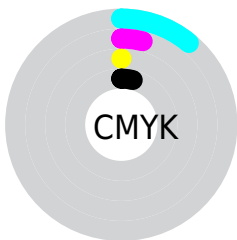
Distribution



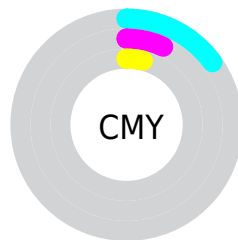
- Red (85%)
- Green (93%)
- Blue (96%)



- Red (85%)
- Yellow (90%)
- Blue (96%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3903, 81.4889, 98.1416 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 75.3903, 81.4889, 98.1416 by changing the saturation by 10% instead.

■ 75.3903, 81.4889,
98.1416

■ 75.3903, 81.4889,
98.1416

468.2345,
499.9365, 575.4136

■ 56.2280, 60.9443,
74.1412

125.8497,
135.4570, 160.6305

■ 40.6235, 44.1802,
54.4121

157.8774,
169.6494, 199.9561

■ 28.2114, 30.8122,
38.5358

194.9244,
209.1598, 245.2272

■ 18.6263, 20.4559,
26.0938

237.3559,
254.3727, 296.8622

■ 11.5030, 12.7269,
16.6674

285.5373,
305.6724, 355.2799

■ 6.4760, 7.2407,
9.8382

339.8340,

■ 3.1800, 3.6131,

363.4433, 420.8986

5.1876

400.6113,
428.0699, 494.1370

■ 1.2497, 1.4596,
2.2971

■ 0.1450, 0.2600,
0.7296

■ 75.3903, 81.4889,
98.1416

■ 75.3903, 81.4889,
98.1416

■ 66.3020, 73.3959,
97.0598

■ 85.6737, 90.3619,
99.3135

■ 58.3530, 66.0455,
96.0600

■ 92.6365, 97.6824,
100.3596

■ 51.4934, 59.4118,
95.1411

■ 93.4817, 99.3727,
100.6413

■ 45.6665, 53.4637,
94.3001

■ 40.8104, 48.1668,
93.5336

■ 36.8557, 43.4831,
92.8380

■ 33.7232, 39.3695,
92.2091

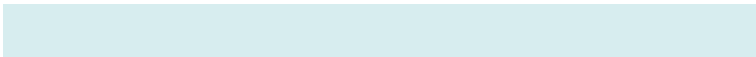
■ 31.3183, 35.7747,
91.6420

■ 29.6440, 32.9172,
91.1787

Harmonies

Analogous

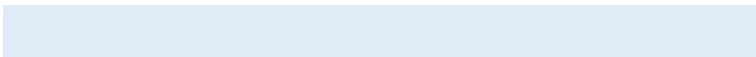
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1111, 81.4889, 93.7187



75.3903, 81.4889, 98.1416



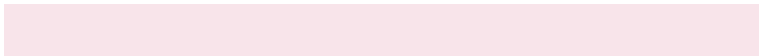
77.2393, 81.4889, 100.0370

Triad

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



75.3903, 81.4889, 98.1416



81.3071, 81.4889, 89.3407



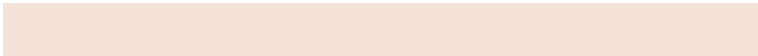
75.7543, 81.4889, 79.3664

Complementary

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



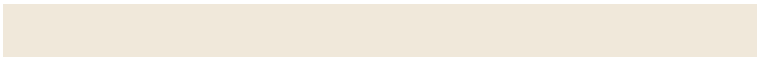
75.3903, 81.4889, 98.1416



77.7805, 79.4121, 77.5597

Split Complementary

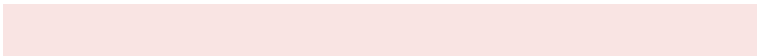
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.6666, 81.4889, 78.3043



75.3903, 81.4889, 98.1416



80.8933, 81.4889, 83.9168

Square

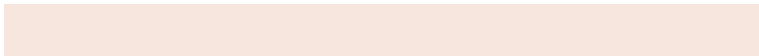
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



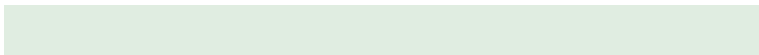
75.3903, 81.4889, 98.1416



80.6737, 81.4889, 94.8219



79.5525, 81.4889, 79.9356



74.3187, 81.4889, 82.9001

Rectangle

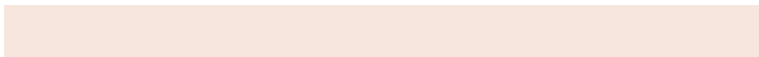
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3903, 81.4889, 98.1416



78.5542, 81.4889, 99.5549



79.5525, 81.4889, 79.9356



76.3617, 81.4889, 78.7151

Sweetspot

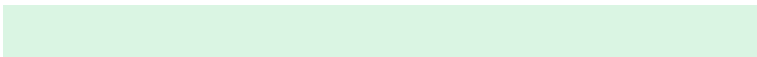
The Sweet Spot groups the original color and five complimentary colors.



75.3927, 81.4923, 98.1434



91.4835, 96.9623, 108.5016



75.3703, 85.7328, 84.9248



19.3816, 20.5830, 23.2013



0.0000, 0.0000, 0.0000



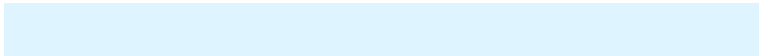
20.3446, 21.4041, 23.3091

Same Dimension

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



75.3927, 81.4923, 98.1434



80.4652, 87.3998, 107.2366



71.7706, 74.2481, 96.9360



16.5044, 17.7731, 21.1032



16.1021, 17.9980, 49.1633



1.5094, 1.7703, 4.3524

Inverse Universe

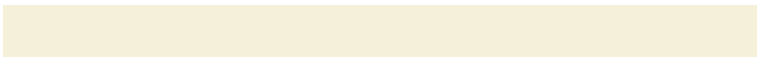
The Inverse Universe completely reimagines the original color for something new.



77.8697, 75.6131, 89.8514



83.6436, 79.9518, 96.5753



81.4872, 86.8254, 78.7952



16.9652, 16.6689, 19.5632



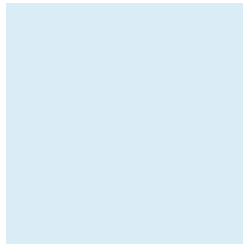
23.9321, 11.9163, 20.1487



2.1509, 1.0663, 2.0213

Previews

White Background



This preview shows how the XYZ color 75.3903, 81.4889, 98.1416 looks on a white background.

Color Contrast Check

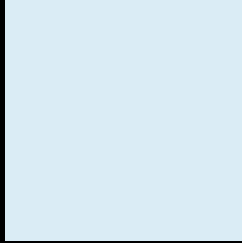
Large Text (above 18pt) WCAG AA × Fail

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 75.3903, 81.4889, 98.1416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

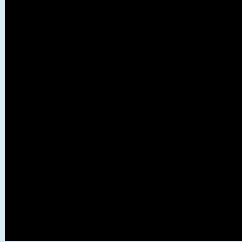
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

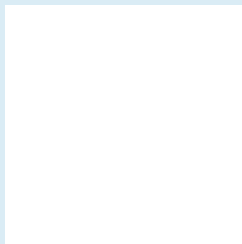
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3903, 81.4889, 98.1416

Background



This preview shows how black text looks on a background with the XYZ color 75.3903, 81.4889, 98.1416.



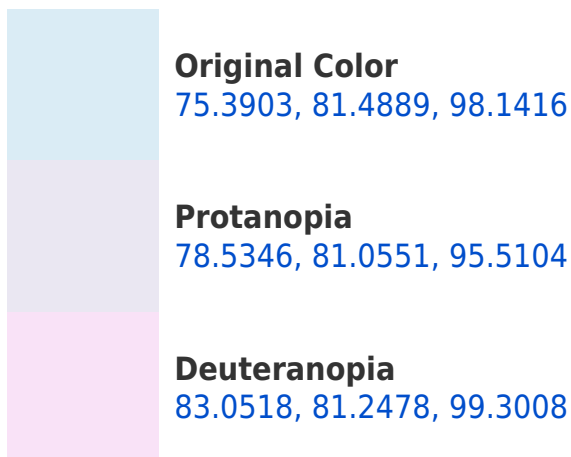
This preview shows how white text looks on a background with the XYZ color 75.3903, 81.4889,

98.1416.

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

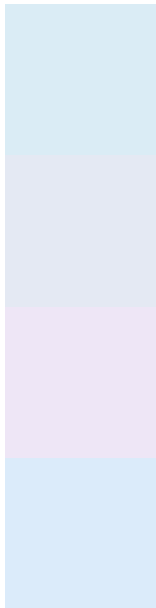




Tritanopia

76.6514, 81.5686, 104.6329

Trichromacy



Original Color

75.3903, 81.4889, 98.1416

Protanomaly

77.3115, 81.2429, 96.4007

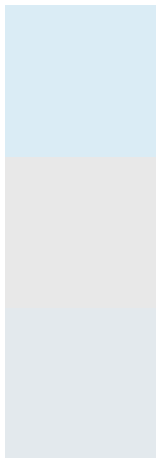
Deuteranomaly

80.1913, 81.4246, 98.6788

Tritanomaly

76.1771, 81.3789, 102.1352

Monochromacy



Original Color

75.3903, 81.4889, 98.1416

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.1035, 80.7231, 91.6908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3903, 81.4889, 98.1416 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(218, 236, 245)` looks like.

```
.text, #text, p{  
    color:rgb(218, 236, 245)  
}
```

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(218, 236, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 236, 245) }
```

Border

The CSS property to change the border of an element to XYZ 75.3903, 81.4889, 98.1416 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(218, 236, 245) }
```


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

```
.border{ border-color:rgb(218, 236, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 236, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 236, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 236, 245);  
box-shadow:4px 4px 4px 4px rgb(218, 236,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3903, 81.4889, 98.1416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 236, 245) }
```

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

```
.background{ background-color: rgb(218,  
236, 245) }
```

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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