

Converting Colors

XYZ(82.7230, 83.5453, 96.8152)

Have a look what the booklet for
XYZ(82.7230, 83.5453, 96.8152)
contains.

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Color

**XYZ(82.6905, 83.5968,
96.5716)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E8F3
RGB	245, 232, 243
RGB Percent	96%, 91%, 95%
CMY	0.0392, 0.0902, 0.0471
CMYK	0.00, 0.05, 0.01, 0.04
HSL	309°, 39%, 94%
HSV	309°, 5%, 96%
XYZ	82.6905, 83.5968, 96.5716
YIQ	237.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

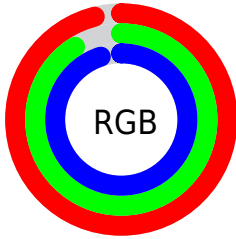
Format	Color
R _Y B	245, 232, 243
Decimal	16115955
CIE Lab	93.28, 6.31, -3.75
CIE LCh	93, 7.338, 329.240
Yxy	83.5968, 0.3146, 0.3180
Android (android.graphics.Color)	4294306035 (0xFF5E8F3)
YUV	237.1410, 2.8885, 6.8923
Hunter-Lab	91.4313, 1.4307, 1.3786

Details

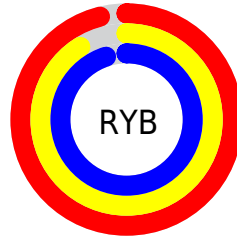
The XYZ color **82.6905, 83.5968, 96.5716** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.7856, 88.4034, 90.6520**, and the grayscale version is **80.5831, 84.7797, 92.3251**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4812, 45.4573, 53.3907** is the 20% darker color. If you saturate the color by 10%, you get **75.7064, 70.5295, 91.4639**, and if you desaturate by 10%, it is **90.1701, 97.6341, 101.9042**.

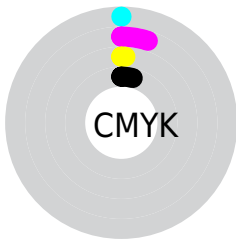
Distribution



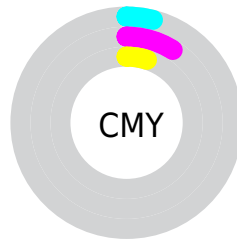
- Red (96%)
- Green (91%)
- Blue (95%)



- Red (96%)
- Yellow (91%)
- Blue (95%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6905, 83.5968, 96.5716 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 82.6905, 83.5968, 96.5716 by changing the saturation by 10% instead.

82.6905, 83.5968,
96.5716

82.6905, 83.5968,
96.5716

492.5540,
506.9733, 570.2965

62.2509, 62.6826,
72.8396

136.0727,
138.4110, 158.4483

45.4918, 45.5845,
53.3538

169.7460,
173.0798, 197.4300

32.0479, 31.9181,
37.6956

208.5612,
213.1023, 242.3321

21.5538, 21.2989,
25.4465

252.8837,
258.8628, 293.5731

13.6442, 13.3427,
16.1880

303.0789,
310.7458, 351.5714

7.9537, 7.6649,
9.5015

359.5121,

4.1169, 3.8813,

369.1356, 416.7458

4.9685

422.5487,
434.4167, 489.5146

■ 1.7685, 1.6074,
2.1704

■ 0.4986, 0.3626,
0.6572

■ 82.6905, 83.5968,
96.5716

■ 82.6905, 83.5968,
96.5716

■ 75.7064, 70.5295,
91.4639

■ 90.1701, 97.6341,
101.9042

■ 69.6534, 59.3068,
86.7229

■ 90.7573, 97.8690,
104.9963

■ 64.4915, 49.8478,
82.3360

■ 91.3563, 98.1086,
108.1508

■ 60.1750, 42.0614,
78.2875

■ 91.4668, 98.1528,
108.7323

■ 56.6542, 35.8480,
74.5606

■ 53.8742, 31.0979,
71.1366

■ 51.7727, 27.6870,
67.9944

■ 50.2775, 25.4707,
65.1095

■ 49.2993, 24.2707,
62.4518

Harmonies

Analogous

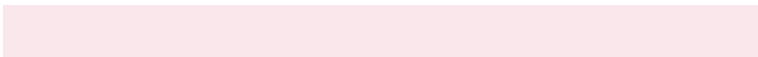
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2842, 83.5968, 100.6226



82.6905, 83.5968, 96.5716



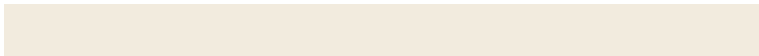
83.2279, 83.5968, 91.1639

Triad

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



82.6905, 83.5968, 96.5716



79.5055, 83.5968, 80.7964



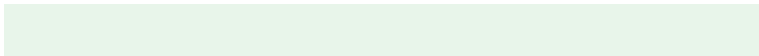
76.2595, 83.5968, 96.3175

Complementary

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



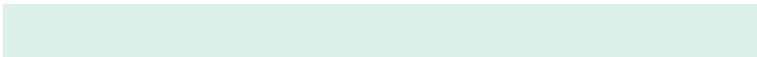
82.6905, 83.5968, 96.5716



80.7856, 88.4034, 90.6520

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.



75.8003, 83.5968, 90.8816



82.6905, 83.5968, 96.5716



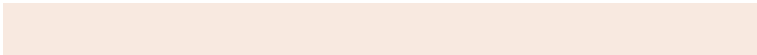
77.6560, 83.5968, 82.0537

Square

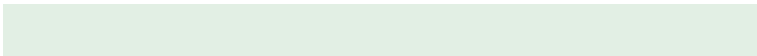
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.6905, 83.5968, 96.5716



81.3709, 83.5968, 82.1855



76.3075, 83.5968, 85.6905



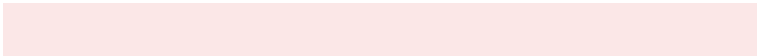
77.5719, 83.5968, 100.4718

Rectangle

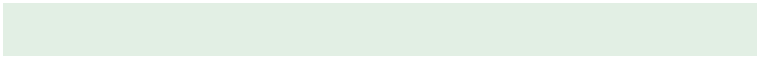
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.6905, 83.5968, 96.5716



83.0145, 83.5968, 87.5627



76.3075, 83.5968, 85.6905



76.0012, 83.5968, 94.5727

Sweetspot

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



82.6929, 83.6004, 96.5734



93.3184, 96.7386, 107.7007



79.2569, 81.7940, 97.9980



19.9921, 20.7402, 23.0650



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

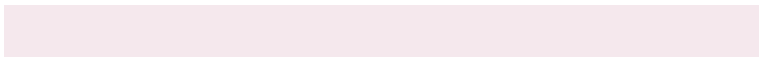
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6929, 83.6004, 96.5734



89.9850, 90.4730, 105.3529



81.7360, 83.2176, 91.5345



17.5374, 17.5461, 20.5778



26.4150, 12.9094, 33.2232



2.3506, 1.1462, 3.0726

Inverse Universe

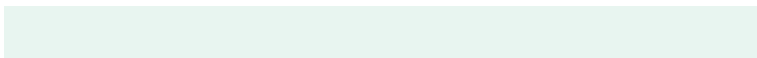
The Inverse Universe completely reimagines the original color for something new.



82.6929, 83.6004, 96.5734



89.9850, 90.4730, 105.3529



81.7291, 88.7808, 95.6202



17.5374, 17.5461, 20.5778



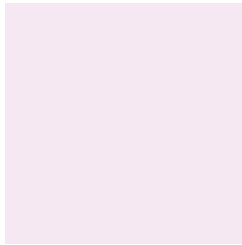
26.4150, 12.9094, 33.2232



2.3506, 1.1462, 3.0726

Previews

White Background



This preview shows how the XYZ color 82.6905, 83.5968, 96.5716 looks on a white background.

Color Contrast Check

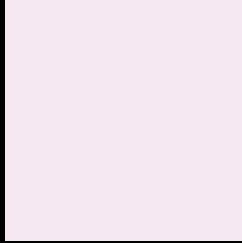
Large Text (above 18pt) WCAG AA × Fail

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 82.6905, 83.5968, 96.5716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

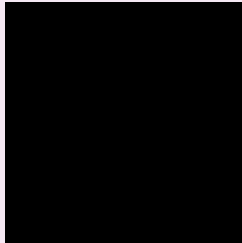
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

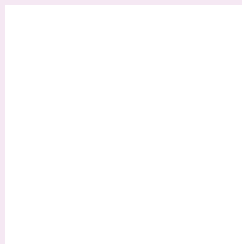
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6905, 83.5968, 96.5716

Background



This preview shows how black text looks on a background with the XYZ color 82.6905, 83.5968, 96.5716.



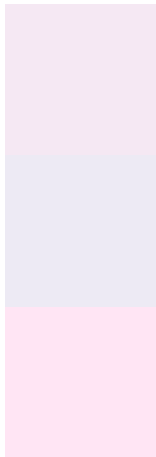
This preview shows how white text looks on a background with the XYZ color 82.6905, 83.5968,

96.5/16.

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

82.6905, 83.5968, 96.5716

Protanopia

80.6770, 83.3818, 97.4301

Deuteranopia

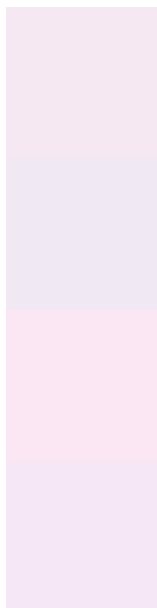
85.5884, 83.8303, 97.2578



Tritanopia

83.6808, 83.5842, 101.3454

Trichromacy



Original Color

82.6905, 83.5968, 96.5716

Protanomaly

81.4032, 83.3347, 97.3828

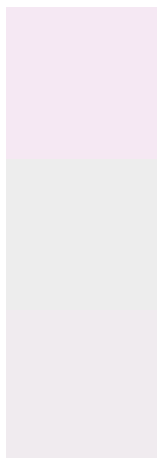
Deuteranomaly

84.4096, 83.6345, 97.2822

Tritanomaly

83.3705, 83.4601, 99.7110

Monochromacy



Original Color

82.6905, 83.5968, 96.5716

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.2235, 84.1739, 93.6276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6905, 83.5968, 96.5716 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(245, 232, 243) looks like.

```
.text, #text, p{  
    color:rgb(245, 232, 243)  
}
```

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(245, 232, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 232, 243) }
```

Border

The CSS property to change the border of an element to XYZ 82.6905, 83.5968, 96.5716 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(245, 232, 243) }
```


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

```
.border{ border-color:rgb(245, 232, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 232, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 232, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 232, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 232,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6905, 83.5968, 96.5716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 232, 243) }
```

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

```
.background{ background-color: rgb(245,  
232, 243) }
```

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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