

Converting Colors

XYZ(82.5064, 90.0963, 75.9528)

Have a look what the booklet for
XYZ(82.5064, 90.0963, 75.9528)
contains.

XYZ(82.6222, 90.1281, 75.9926)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.6222, 90.1281,
75.9926)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F6D5
RGB	245, 246, 213
RGB Percent	96%, 96%, 84%
CMY	0.0392, 0.0353, 0.1647
CMYK	0.00, 0.00, 0.13, 0.04
HSL	62°, 65%, 90%
HSV	62°, 13%, 96%
XYZ	82.6222, 90.1281, 75.9926
YIQ	241.9390, 9.9970, -10.4750

Conversions

Conversions Part 2

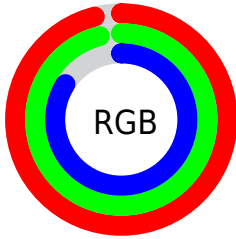
Format	Color
R _Y B	213, 246, 214
Decimal	16119509
CIE Lab	96.05, -5.79, 15.78
CIE LCh	96, 16.811, 110.131
Yxy	90.1281, 0.3322, 0.3623
Android (android.graphics.Color)	4294309589 (0xFFFF5F6D5)
YUV	241.9390, -14.2669, 2.6845
Hunter-Lab	94.9358, -10.7900, 18.9956

Details

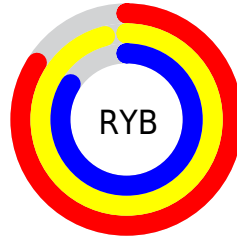
The XYZ color **82.6222, 90.1281, 75.9926** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.1638, 68.5409, 96.8307**, and the grayscale version is **84.4557, 88.8540, 96.7620**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5713, 50.1144, 39.6189** is the 20% darker color. If you saturate the color by 10%, you get **79.4737, 88.8416, 60.7635**, and if you desaturate by 10%, it is **86.2503, 91.6126, 93.7202**.

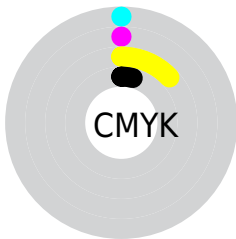
Distribution



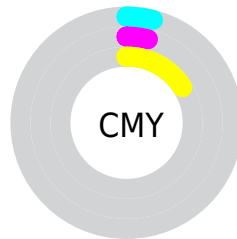
- Red (96%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6222, 90.1281, 75.9926 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 82.6222, 90.1281, 75.9926 by changing the saturation by 10% instead.

82.6222, 90.1281,
75.9926

82.6222, 90.1281,
75.9926

492.3295,
528.4475, 500.6685

62.1944, 68.0869,
55.9198

135.9775,
147.5163, 129.4764

45.4460, 49.9684,
39.7351

169.6356,
183.6321, 163.7246

32.0116, 35.3883,
27.0198

208.4346,
225.2082, 203.5349

21.5260, 23.9622,
17.3555

252.7398,
272.6291, 249.3260

13.6237, 15.3055,
10.3237

302.9166,
326.2790, 301.5164

7.9393, 9.0341,
5.5057

359.3302,

4.1076, 4.7634,

386.5425, 360.5245

2.4830

422.3461,
453.8038, 426.7691

■ 1.7632, 2.1091,
0.8311

■ 0.4953, 0.6698,
0.0000

■ 82.6222, 90.1281,
75.9926

■ 82.6222, 90.1281,
75.9926

■ 79.4737, 88.8416,
60.7635

■ 86.2503, 91.6126,
93.7202

■ 76.7763, 87.7326,
47.9152

■ 89.1890, 92.8185,
107.8227


■ 74.5096, 86.7960,
37.3291


■ 89.4531, 92.9546,
107.8351


■ 72.6485, 86.0218,
28.8740

■ 89.7182, 93.0912,
107.8475


 71.1658, 85.3991,
22.4055


 89.9843, 93.2285,
107.8600


 70.0305, 84.9154,
17.7611


 90.2516, 93.3662,
107.8725


 69.2070, 84.5566,
14.7528

 90.5199, 93.5045,
107.8850

 68.6518, 84.3053,
13.1522

 90.7892, 93.6434,
107.8976

 68.3904, 84.1815,
12.6441

 91.0597, 93.7828,
107.9103

Harmonies

Analogous

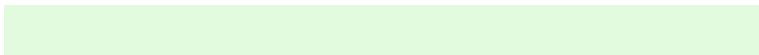
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2064, 90.1281, 74.9969



82.6222, 90.1281, 75.9926



78.9803, 90.1281, 82.6109

Triad

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



82.6222, 90.1281, 75.9926



80.0569, 90.1281, 119.1388



94.7825, 90.1281, 102.5910

Complementary

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



82.6222, 90.1281, 75.9926



68.1638, 68.5409, 96.8307

Split Complementary

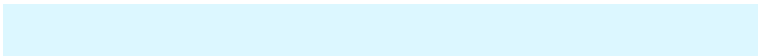
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.7146, 90.1281, 115.4896



82.6222, 90.1281, 75.9926



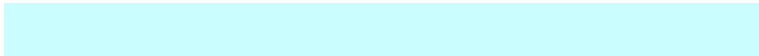
84.1400, 90.1281, 125.5989

Square

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



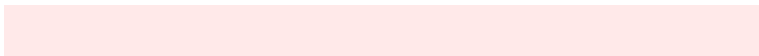
82.6222, 90.1281, 75.9926



77.5368, 90.1281, 107.2177



88.7797, 90.1281, 124.2062



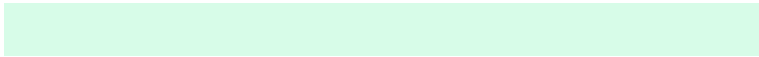
94.3402, 90.1281, 89.5787

Rectangle

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



82.6222, 90.1281, 75.9926



77.5238, 90.1281, 89.6821



88.7797, 90.1281, 124.2062



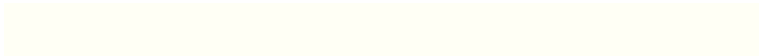
94.3551, 90.1281, 107.1013

Sweetspot

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



82.6246, 90.1321, 75.9945



93.3367, 99.3015, 100.4739



73.9520, 72.2648, 73.0029



19.9110, 21.2273, 21.1772



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.



82.6246, 90.1321, 75.9945



88.7075, 97.4104, 77.8790



77.2665, 87.3698, 75.7438



17.8618, 19.2863, 17.5788



36.5251, 44.9422, 6.7496



3.2256, 3.9579, 0.5939

Inverse Universe

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



68.1638, 68.5409, 96.8307



70.3017, 69.9286, 104.4000



73.0807, 71.0756, 97.0608



15.6278, 15.9508, 20.7977



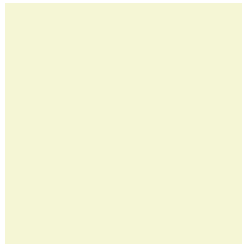
8.9498, 3.5881, 46.7589



0.8027, 0.3237, 4.1104

Previews

White Background



This preview shows how the XYZ color 82.6222, 90.1281, 75.9926 looks on a white background.

Color Contrast Check

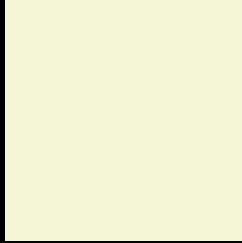
Large Text (above 18pt) WCAG AA × Fail

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 82.6222, 90.1281, 75.9926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

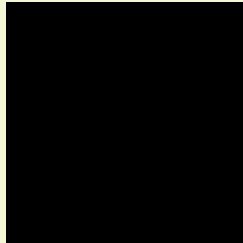
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

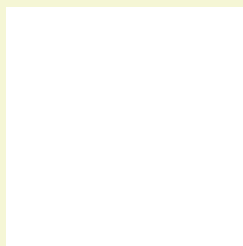
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6222, 90.1281, 75.9926

Background



This preview shows how black text looks on a background with the XYZ color 82.6222, 90.1281, 75.9926.



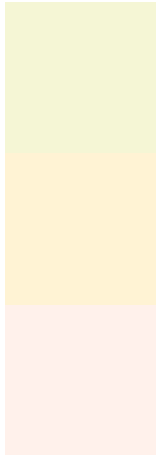
This preview shows how white text looks on a background with the XYZ color 82.6222, 90.1281,

75.9926.

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

82.6222, 90.1281, 75.9926

Protanopia

85.1743, 90.1147, 75.1921

Deuteranopia

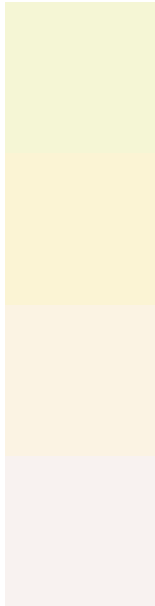
87.6907, 90.1688, 91.3798



Tritanopia

88.6344, 89.8642, 107.2817

Trichromacy



Original Color

82.6222, 90.1281, 75.9926

Protanomaly

84.0180, 89.9641, 75.2239

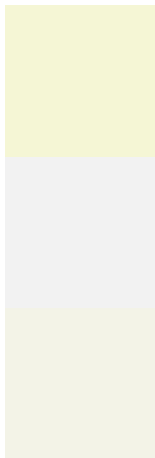
Deuteranomaly

85.6994, 90.1565, 85.5581

Tritanomaly

86.1917, 89.7520, 95.2192

Monochromacy



Original Color

82.6222, 90.1281, 75.9926

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

83.4365, 88.9254, 88.3680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6222, 90.1281, 75.9926 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, 246, 213) looks like.

```
.text, #text, p{  
    color:rgb(245, 246, 213)  
}
```

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, 246, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 246, 213) }
```

Border

The CSS property to change the border of an element to XYZ 82.6222, 90.1281, 75.9926 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, 246, 213) }
```


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

```
.border{ border-color:rgb(245, 246, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 246, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 246, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 246, 213);  
box-shadow:4px 4px 4px 4px rgb(245, 246,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6222, 90.1281, 75.9926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 246, 213) }
```

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

```
.background{ background-color: rgb(245,  
246, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor