

Converting Colors

XYZ(81.1947, 90.3148, 62.1328)

Have a look what the booklet for
XYZ(81.1947, 90.3148, 62.1328)
contains.

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Color

**XYZ(80.9128, 90.0134,
61.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F7BE
RGB	247, 247, 190
RGB Percent	97%, 97%, 75%
CMY	0.0314, 0.0313, 0.2549
CMYK	0.00, 0.00, 0.23, 0.03
HSL	60°, 78%, 86%
HSV	60°, 23%, 97%
XYZ	80.9128, 90.0134, 61.8250
YIQ	240.5020, 18.2970, -17.7270

Conversions

Conversions Part 2

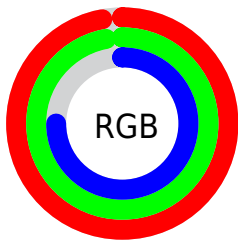
Format	Color
R _Y B	190, 247, 190
Decimal	16250814
CIE Lab	96.00, -8.89, 27.49
CIE LCh	96, 28.896, 107.927
Yxy	90.0134, 0.3476, 0.3867
Android (android.graphics.Color)	4294440894 (0xFFFF7F7BE)
YUV	240.5020, -24.8975, 5.6987
Hunter-Lab	94.8754, -13.8014, 27.7768

Details

The XYZ color **80.9128, 90.0134, 61.8250** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **56.4406, 54.4919, 95.5440**, and the grayscale version is **83.3990, 87.7423, 95.5513**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **44.3099, 49.9863, 30.6055** is the 20% darker color. If you saturate the color by 10%, you get **78.4388, 89.0268, 48.7911**, and if you desaturate by 10%, it is **83.8491, 91.1911, 77.2723**.

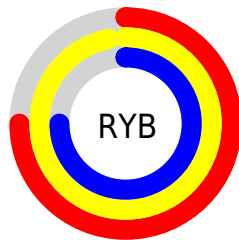
Distribution



Red (97%)

Green (97%)

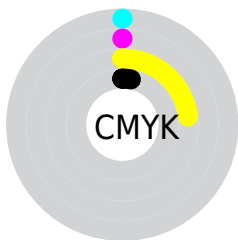
Blue (75%)



Red (75%)

Yellow (97%)

Blue (75%)

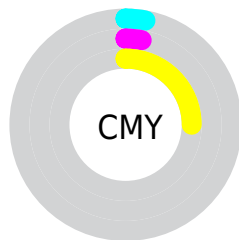


Cyan (0%)

Magenta (0%)

Yellow (23%)

Black (3%)



Cyan (3%)


Magenta (3%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.9128, 90.0134, 61.8250 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 80.9128, 90.0134, 61.8250 by changing the saturation by 10% instead.


 80.9128, 90.0134,
61.8250

 80.9128, 90.0134,
61.8250


486.6935,
528.0744, 449.2825

 60.7808, 67.9918,
44.4564


 133.5921,
147.3570, 109.0417

 44.3002, 49.8910,
30.6897


166.8702,
183.4478, 139.7269

 31.1055, 35.3268,
20.1062


205.2610,
224.9970, 175.6881

 20.8314, 23.9147,
12.2874

249.1299,
272.3891, 217.3438

 13.1126, 15.2704,
6.8148

298.8422,
326.0086, 265.1126

 7.5837, 9.0094,
3.2699

354.7634,

 3.8793, 4.7473,

386.2396, 319.4129

1.2340

417.2587,
453.4668, 380.6634

■ 1.6341, 2.0998,
0.0068

■ 0.4145, 0.6645,
0.0000

■ 80.9128, 90.0134,
61.8250

■ 80.9128, 90.0134,
61.8250

■ 78.4388, 89.0268,
48.7911

■ 83.8491, 91.1911,
77.2723

■ 76.3969, 88.2099,
38.0436


■ 87.2621, 92.5564,
95.2402


■ 74.7645, 87.5569,
29.4523


■ 89.6733, 93.5210,
107.9328


■ 73.5140, 87.0566,
22.8718


■ 89.6742, 93.5214,
107.9329


 72.6143, 86.6966,
18.1387


 89.6751, 93.5219,
107.9329


 72.0296, 86.4626,
15.0642


 89.6760, 93.5224,
107.9329

 71.7163, 86.3372,
13.4192

 89.6769, 93.5228,
107.9330

 71.6138, 86.2961,
12.8824

 89.6777, 93.5233,
107.9330

 89.6786, 93.5237,
107.9331

Harmonies

Analogous

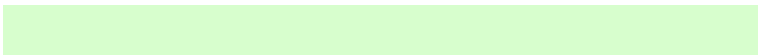
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8085, 90.0134, 60.9734



80.9128, 90.0134, 61.8250



74.6505, 90.0134, 71.3851

Triad

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



80.9128, 90.0134, 61.8250



75.6683, 90.0134, 134.4305



101.4744, 90.0134, 107.5024

Complementary

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



80.9128, 90.0134, 61.8250



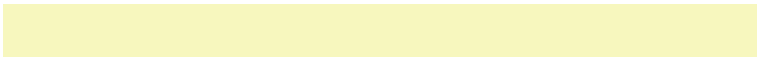
56.4406, 54.4919, 95.5440

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.



97.4729, 90.0134, 130.5456



80.9128, 90.0134, 61.8250



82.3820, 90.0134, 147.6365

Square

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



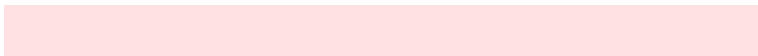
80.9128, 90.0134, 61.8250



71.7549, 90.0134, 112.1857



90.3715, 90.0134, 146.1133



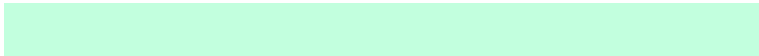
101.0200, 90.0134, 85.0805

Rectangle

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



80.9128, 90.0134, 61.8250



72.0934, 90.0134, 82.3881



90.3715, 90.0134, 146.1133



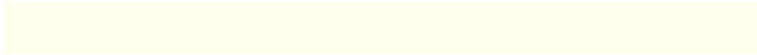
100.5960, 90.0134, 115.4898

Sweetspot

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



80.9151, 90.0174, 61.8269



92.3073, 98.9029, 94.4608



66.0684, 60.3210, 56.8774



19.7096, 21.1501, 19.9658



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

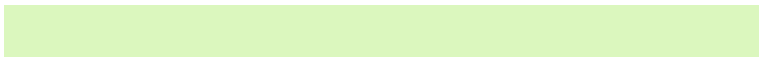
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9151, 90.0174, 61.8269



85.6072, 96.2226, 59.1887



71.6217, 85.2265, 61.3920



17.9146, 19.3135, 17.5813



37.8721, 45.6366, 6.8127



3.3286, 4.0110, 0.5988

Inverse Universe

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



56.4406, 54.4919, 95.5440



54.7807, 51.4769, 101.6565



64.2679, 58.5270, 95.9103



15.5814, 15.9268, 20.7955



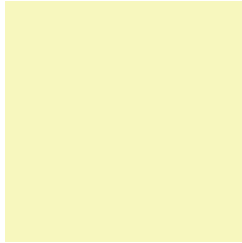
8.8791, 3.5517, 46.7556



0.7804, 0.3122, 4.1094

Previews

White Background



This preview shows how the XYZ color 80.9128, 90.0134, 61.8250 looks on a white background.

Color Contrast Check

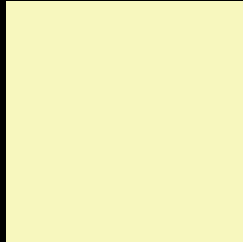
Large Text (above 18pt) WCAG AA × Fail

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 80.9128, 90.0134, 61.8250 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 80.9128, 90.0134, 61.8250

Background



This preview shows how black text looks on a background with the XYZ color 80.9128, 90.0134, 61.8250.



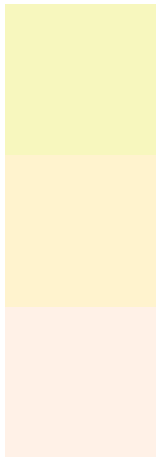
This preview shows how white text looks on a background with the XYZ color 80.9128, 90.0134,

61.8250.

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

80.9128, 90.0134, 61.8250

Protanopia

84.4312, 89.8174, 71.2790

Deuteranopia

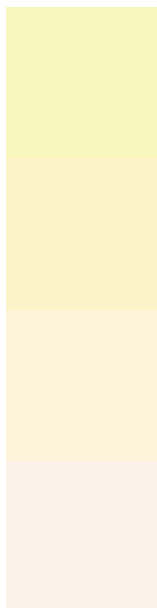
87.1191, 89.9401, 88.3698



Tritanopia

89.7896, 90.0238, 107.2517

Trichromacy



Original Color

80.9128, 90.0134, 61.8250

Protanomaly

82.9209, 89.5669, 67.5613

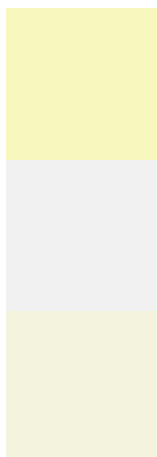
Deuteranomaly

84.5901, 89.7545, 77.8317

Tritanomaly

85.9596, 89.7830, 88.4006

Monochromacy



Original Color

80.9128, 90.0134, 61.8250

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

82.1976, 88.4298, 81.8436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9128, 90.0134, 61.8250 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(247, 247, 190)` looks like.

```
.text, #text, p{  
    color:rgb(247, 247, 190)  
}
```

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(247, 247, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 247, 190) }
```

Border

The CSS property to change the border of an element to XYZ 80.9128, 90.0134, 61.8250 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(247, 247, 190) }
```


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

```
.border{ border-color:rgb(247, 247, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 247, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 247, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 247, 190);  
box-shadow:4px 4px 4px 4px rgb(247, 247,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9128, 90.0134, 61.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 247, 190) }
```

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

```
.background{ background-color: rgb(247,  
247, 190) }
```

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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