

Converting Colors

XYZ(82.0237, 91.6900, 53.4192)

Have a look what the booklet for
XYZ(82.0237, 91.6900, 53.4192)
contains.

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Color

**XYZ(82.0237, 91.6900,
53.4192)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF9AE
RGB	253, 249, 174
RGB Percent	99%, 98%, 68%
CMY	0.0078, 0.0235, 0.3176
CMYK	0.00, 0.02, 0.31, 0.01
HSL	57°, 95%, 84%
HSV	57°, 31%, 99%
XYZ	82.0237, 91.6900, 53.4192
YIQ	241.6460, 26.4590, -22.4770

Conversions

Conversions Part 2

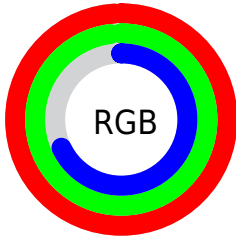
Format	Color
RYB	178, 253, 174
Decimal	16644526
CIELab	96.69, -9.71, 36.56
CIELCh	97, 37.828, 104.881
Yxy	91.6900, 0.3611, 0.4037
Android (android.graphics.Color)	4294834606 (0xFFFFDF9AE)
YUV	241.6460, -33.3495, 9.9575
Hunter-Lab	95.7549, -14.6679, 33.9521

Details

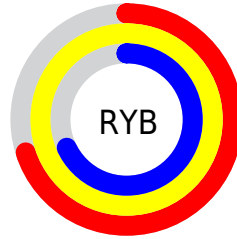
The XYZ color **82.0237, 91.6900, 53.4192** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **51.1054, 47.9301, 99.4866**, and the grayscale version is **84.3608, 88.7542, 96.6533**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **45.0268, 51.1225, 25.5836** is the 20% darker color. If you saturate the color by 10%, you get **79.3928, 90.0104, 41.4986**, and if you desaturate by 10%, it is **85.1265, 93.5691, 67.7911**.

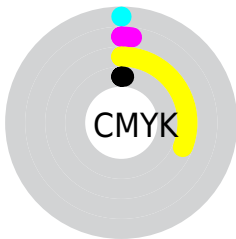
Distribution



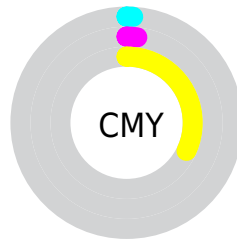
- Red (99%)
- Green (98%)
- Blue (68%)



- Red (70%)
- Yellow (99%)
- Blue (68%)



- Cyan (0%)
- Magenta (2%)
- Yellow (31%)
- Black (1%)



- Cyan (1%)
- Magenta (2%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0237, 91.6900, 53.4192 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 82.0237, 91.6900, 53.4192 by changing the saturation by 10% instead.

82.0237, 91.6900,
53.4192

82.0237, 91.6900,
53.4192

490.3603,
533.5132, 417.0032

61.6992, 69.3832,
37.7475

135.1429,
149.6837, 96.6687

45.0444, 51.0238,
25.4865

168.6683,
186.1393, 125.0836

31.6938, 36.2276,
16.2176

207.3248,
228.0800, 158.5834

21.2822, 24.6100,
9.5222

251.4777,
275.8901, 197.5864

13.4440, 15.7867,
4.9819

301.4923,
329.9541, 242.5114

7.8141, 9.3734,
2.1781

357.7340,

4.0270, 4.9855,

390.6564, 293.7768

0.6617

420.5682,
458.3812, 351.8013

■ 1.7174, 2.2388,
0.0000

■ 0.4672, 0.7410,
0.0000

■ 82.0237, 91.6900,
53.4192

■ 82.0237, 91.6900,
53.4192

■ 79.3928, 90.0104,
41.4986

■ 85.1265, 93.5691,
67.7911

■ 77.2008, 88.5075,
31.8859

■ 88.7184, 95.6449,
84.7355

■ 75.4212, 87.1737,
24.4317

■ 92.8241, 97.9306,
104.3725

■ 74.0218, 85.9964,
18.9666

■ 94.0389, 99.0643,
108.7727

■ 72.9657, 84.9607, 94.3181, 99.6227,
15.2961 108.8657

■ 72.2086, 84.0487,
13.1866

■ 71.7299, 83.3263,
12.3030

Harmonies

Analogous

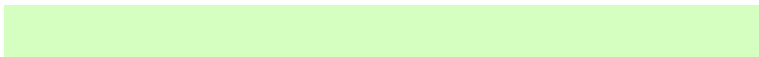
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5675, 91.6900, 53.4605



82.0237, 91.6900, 53.4192



73.5568, 91.6900, 63.9557

Triad

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



82.0237, 91.6900, 53.4192



73.5034, 91.6900, 146.8918



108.3186, 91.6900, 115.8286

Complementary

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



82.0237, 91.6900, 53.4192



51.1054, 47.9301, 99.4866

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.



102.3194, 91.6900, 147.1131



82.0237, 91.6900, 53.4192



81.9454, 91.6900, 167.3689

Square

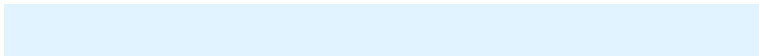
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0237, 91.6900, 53.4192



68.9152, 91.6900, 115.5708



92.4826, 91.6900, 167.4573



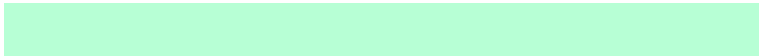
108.3439, 91.6900, 85.5963

Rectangle

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



82.0237, 91.6900, 53.4192



69.9833, 91.6900, 77.0718



92.4826, 91.6900, 167.4573



106.9136, 91.6900, 126.6891

Sweetspot

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



82.0260, 91.6941, 53.4211



91.2036, 97.8710, 90.4652



63.8085, 54.4213, 49.9318



19.3969, 20.8783, 18.7709



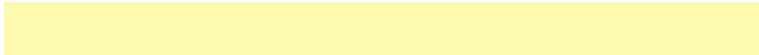
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

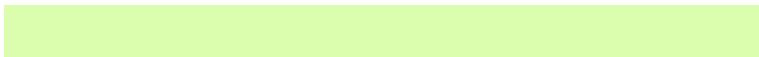
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0260, 91.6941, 53.4211



81.8993, 92.3351, 47.0625



71.9092, 88.3309, 53.3052



19.4779, 20.9240, 19.1565



38.1911, 44.3934, 6.5559



3.7417, 4.3688, 0.6461

Inverse Universe

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



51.1054, 47.9301, 99.4866



46.2085, 41.8228, 100.2449



58.9447, 50.8089, 99.6291



17.0767, 17.5249, 22.7326



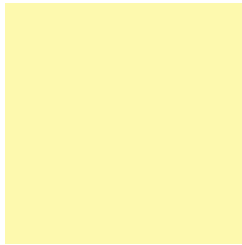
9.5365, 3.9825, 49.7007



0.9533, 0.4373, 4.8474

Previews

White Background



This preview shows how the XYZ color 82.0237, 91.6900, 53.4192 looks on a white background.

Color Contrast Check

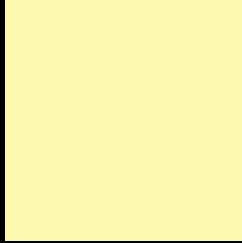
Large Text (above 18pt) WCAG AA × Fail

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 82.0237, 91.6900, 53.4192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

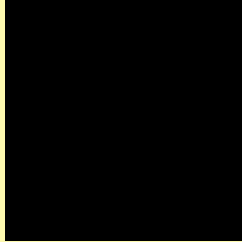
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.0237, 91.6900, 53.4192

Background



This preview shows how black text looks on a background with the XYZ color 82.0237, 91.6900, 53.4192.

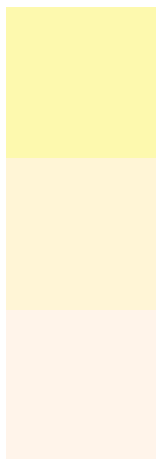


This preview shows how white text looks on a background with the XYZ color 82.0237, 91.6900,

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

82.0237, 91.6900, 53.4192

Protanopia

86.0300, 91.4199, 76.7299

Deuteranopia

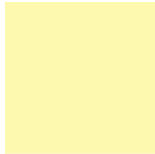
88.4420, 91.9019, 90.9193



Tritanopia

90.5628, 91.7925, 105.0400

Trichromacy



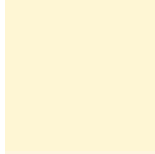
Original Color

82.0237, 91.6900, 53.4192



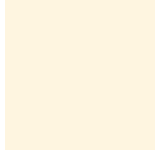
Protanomaly

84.1376, 91.1059, 67.1835



Deuteranomaly

85.7125, 91.7358, 75.4766



Tritanomaly

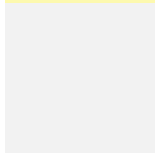
86.9800, 91.7575, 83.6476

Monochromacy



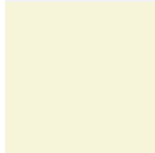
Original Color

82.0237, 91.6900, 53.4192



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

83.1828, 89.9074, 78.6153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0237, 91.6900, 53.4192 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(253, 249, 174)` looks like.

```
.text, #text, p{  
    color:rgb(253, 249, 174)  
}
```

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(253, 249, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 249, 174) }
```

Border

The CSS property to change the border of an element to XYZ 82.0237, 91.6900, 53.4192 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(253, 249, 174) }
```


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

```
.border{ border-color:rgb(253, 249, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 249, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 249, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 249, 174);  
box-shadow:4px 4px 4px 4px rgb(253, 249,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0237, 91.6900, 53.4192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 249, 174) }
```

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

```
.background{ background-color: rgb(253,  
249, 174) }
```

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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