

Converting Colors

XYZ(83.4043, 92.2632, 64.6217)

Have a look what the booklet for
XYZ(83.4043, 92.2632, 64.6217)
contains.

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Color

**XYZ(83.3969, 92.1556,
64.4313)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF9C2
RGB	251, 249, 194
RGB Percent	98%, 98%, 76%
CMY	0.0157, 0.0235, 0.2392
CMYK	0.00, 0.01, 0.23, 0.02
HSL	58°, 88%, 87%
HSV	58°, 23%, 98%
XYZ	83.3969, 92.1556, 64.4313
YIQ	243.3280, 18.8470, -16.6810

Conversions

Conversions Part 2

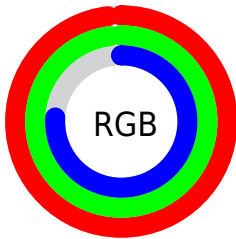
Format	Color
R_{YB}	196, 251, 194
Decimal	16513474
CIE _{Lab}	96.88, -7.89, 26.72
CIE _{LCh}	97, 27.859, 106.460
Yxy	92.1556, 0.3475, 0.3840
Android (android.graphics.Color)	4294703554 (0xFFFFBF9C2)
YUV	243.3280, -24.3187, 6.7283
Hunter-Lab	95.9977, -12.9262, 27.4044

Details

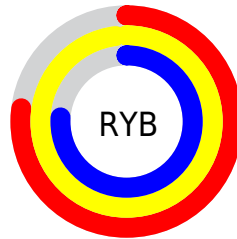
The XYZ color **83.3969, 92.1556, 64.4313** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.4005, 57.9129, 99.3147**, and the grayscale version is **85.6318, 90.0914, 98.1095**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **46.0517, 51.5027, 32.3248** is the 20% darker color. If you saturate the color by 10%, you get **80.5429, 90.5839, 50.7274**, and if you desaturate by 10%, it is **86.7332, 93.9286, 80.6472**.

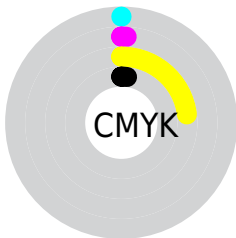
Distribution



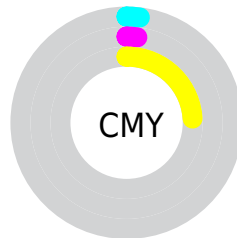
- Red (98%)
- Green (98%)
- Blue (76%)



- Red (77%)
- Yellow (98%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (23%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.3969, 92.1556, 64.4313 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 83.3969, 92.1556, 64.4313 by changing the saturation by 10% instead.

83.3969, 92.1556,
64.4313

83.3969, 92.1556,
64.4313

494.8723,
535.0183, 458.9956

62.8357, 69.7699,
46.5517

137.0569,
150.3290, 112.8373

45.9664, 51.3389,
32.3296

170.8863,
186.8855, 144.2007

32.4238, 36.4784,
21.3465

209.8691,
228.9344, 180.8958

21.8425, 24.8039,
13.1838

254.3707,
276.8600, 223.3412

13.8572, 15.9310,
7.4230

304.7565,
331.0469, 271.9553

8.1025, 9.4754,
3.6456

361.3918,

4.2129, 5.0525,

391.8792, 327.1567

1.4330

424.6419,
459.7416, 389.3640

■ 1.8233, 2.2781,
0.1673

■ 0.5316, 0.7621,
0.0000

■ 83.3969, 92.1556,
64.4313

■ 83.3969, 92.1556,
64.4313

■ 80.5429, 90.5839,
50.7274

■ 86.7332, 93.9286,
80.6472

■ 78.1400, 89.1915,
39.4036

■ 90.5667, 95.8994,
99.4862

■ 76.1647, 87.9721,
30.3251

■ 92.5315, 97.1246,
108.4777

■ 74.5884, 86.9144,
23.3412

■ 92.8074, 97.6764,
108.5697

■ 73.3789, 86.0054,
18.2827

■ 93.0845, 98.2307,
108.6621

■ 72.4990, 85.2303,
14.9543

■ 93.3630, 98.7876,
108.7549

■ 71.9040, 84.5711,
13.1194

■ 93.5938, 99.2493,
108.8319

■ 71.6012, 84.1441,
12.4677

Harmonies

Analogous

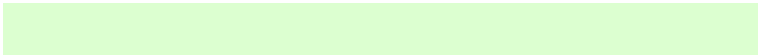
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1612, 92.1556, 64.0093



83.3969, 92.1556, 64.4313



77.1311, 92.1556, 73.4896

Triad

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



83.3969, 92.1556, 64.4313



77.6302, 92.1556, 134.9300



103.0479, 92.1556, 110.7722

Complementary

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



83.3969, 92.1556, 64.4313



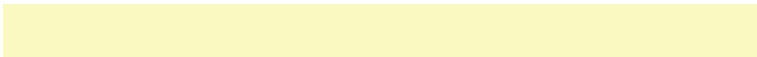
59.4005, 57.9129, 99.3147

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.



98.9565, 92.1556, 133.0477



83.3969, 92.1556, 64.4313



84.1155, 92.1556, 148.3339

Square

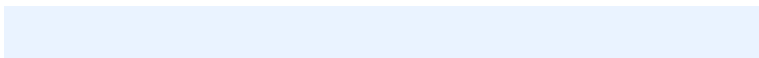
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.3969, 92.1556, 64.4313



73.9399, 92.1556, 113.0526



91.9237, 92.1556, 147.5978



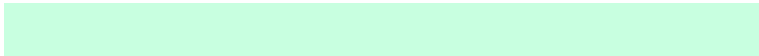
102.8270, 92.1556, 88.6213

Rectangle

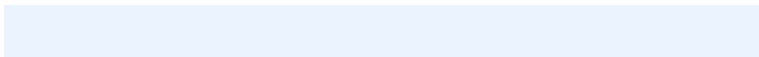
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.3969, 92.1556, 64.4313



74.5090, 92.1556, 84.0972



91.9237, 92.1556, 147.5978



102.1213, 92.1556, 118.5541

Sweetspot

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



83.3993, 92.1597, 64.4333



92.1091, 98.5054, 94.3945



69.1372, 63.1183, 61.2737



19.6635, 21.0577, 19.9504



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

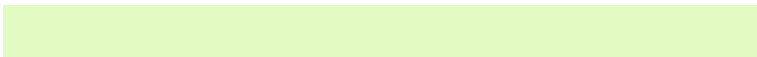
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.3993, 92.1597, 64.4333



85.1153, 94.8043, 60.3510



75.3961, 88.9538, 64.2363



18.6723, 20.0804, 18.3542



37.6600, 44.2767, 6.5614



3.5038, 4.1325, 0.6130

Inverse Universe

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



59.4005, 57.9129, 99.3147



56.4390, 53.8835, 102.0336



66.1147, 60.7109, 99.5009



16.3317, 16.7403, 21.7557



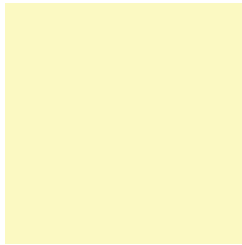
9.2244, 3.8044, 48.2217



0.8709, 0.3856, 4.4717

Previews

White Background



This preview shows how the XYZ color 83.3969, 92.1556, 64.4313 looks on a white background.

Color Contrast Check

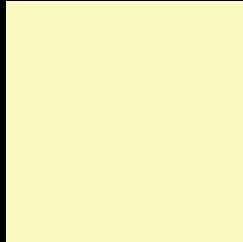
Large Text (above 18pt) WCAG AA × Fail

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 83.3969, 92.1556, 64.4313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

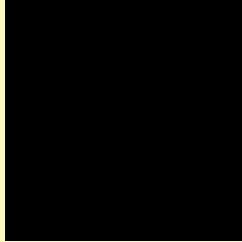
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.3969, 92.1556, 64.4313

Background



This preview shows how black text looks on a background with the XYZ color 83.3969, 92.1556, 64.4313.

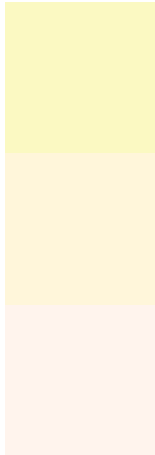


This preview shows how white text looks on a background with the XYZ color 83.3969, 92.1556,

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

83.3969, 92.1556, 64.4313

Protanopia

86.8507, 92.2335, 79.5550

Deuteranopia

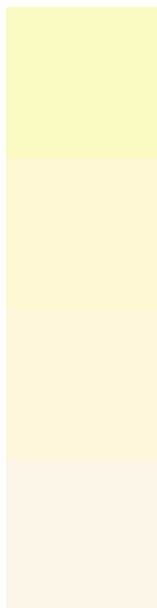
88.8767, 92.0758, 93.2089



Tritanopia

91.0421, 91.9843, 107.5640

Trichromacy



Original Color

83.3969, 92.1556, 64.4313

Protanomaly

85.6424, 92.1958, 73.6033

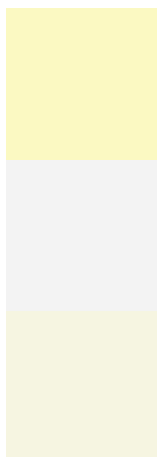
Deuteranomaly

86.8800, 92.2028, 81.6245

Tritanomaly

88.2334, 92.2588, 90.2481

Monochromacy



Original Color

83.3969, 92.1556, 64.4313

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.2491, 90.3339, 84.2299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3969, 92.1556, 64.4313 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(251, 249, 194)` looks like.

```
.text, #text, p{  
    color:rgb(251, 249, 194)  
}
```

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(251, 249, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 249, 194) }
```

Border

The CSS property to change the border of an element to XYZ 83.3969, 92.1556, 64.4313 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(251, 249, 194) }
```


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

```
.border{ border-color:rgb(251, 249, 194) }
```

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

Here you see how a box with a 4 pixel rgb(251, 249, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 249, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 249, 194);  
box-shadow:4px 4px 4px 4px rgb(251, 249,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 83.3969, 92.1556, 64.4313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 249, 194) }
```

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

```
.background{ background-color: rgb(251,  
249, 194) }
```

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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