

Converting Colors

XYZ(83.5195, 91.4295, 67.2788)

Have a look what the booklet for
XYZ(83.5195, 91.4295, 67.2788)
contains.

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Color

**XYZ(83.3532, 91.1543,
67.2342)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FBF7C7 |
| RGB | 251, 247, 199 |
| RGB Percent | 98%, 97%, 78% |
| CMY | 0.0157, 0.0313, 0.2196 |
| CMYK | 0.00, 0.02, 0.21, 0.02 |
| HSL | 55°, 87%, 88% |
| HSV | 55°, 21%, 98% |
| XYZ | 83.3532, 91.1543, 67.2342 |
| YIQ | 242.7240, 17.7920, -14.0800 |

Conversions

Conversions Part 2

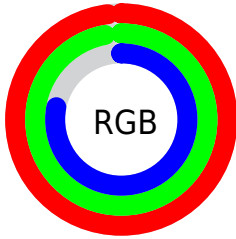
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 203, 251, 199 |
| Decimal | 16512967 |
| CIE Lab | 96.47, -6.21, 23.61 |
| CIE LCh | 96, 24.413, 104.733 |
| Yxy | 91.1543, 0.3448, 0.3771 |
| Android (android.graphics.Color) | 4294703047 (0xFFFFBF7C7) |
| YUV | 242.7240, -21.5559, 7.2581 |
| Hunter-Lab | 95.4748, -11.2434, 25.0798 |

Details

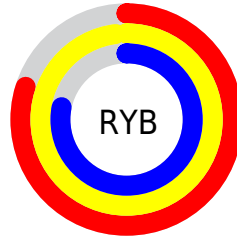
The XYZ color **83.3532, 91.1543, 67.2342** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **62.3214, 61.8175, 99.9144**, and the grayscale version is **85.1301, 89.5635, 97.5346**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9898, 50.7753, 34.1648** is the 20% darker color. If you saturate the color by 10%, you get **80.0904, 88.9138, 52.9352**, and if you desaturate by 10%, it is **87.1076, 93.6075, 84.0707**.

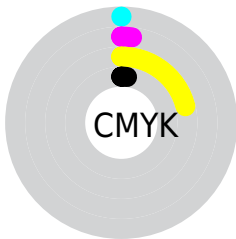
Distribution



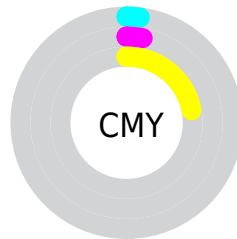
- Red (98%)
- Green (97%)
- Blue (78%)



- Red (80%)
- Yellow (98%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (21%)
- Black (2%)





- Cyan (2%)
- Magenta (3%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.3532, 91.1543, 67.2342 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 83.3532, 91.1543, 67.2342 by changing the saturation by 10% instead.


 83.3532, 91.1543,
67.2342

 83.3532, 91.1543,
67.2342

494.7290,
531.7786, 469.3021

 62.7995, 68.9384,
48.8122

136.9960,
148.9407, 116.8998

 45.9370, 50.6616,
34.1060


170.8158,
185.2801, 148.9804

 32.4006, 35.9393,
22.6970


209.7883,
227.0960, 186.4510

 21.8247, 24.3873,
14.1667

254.2788,
274.7730, 229.7301

 13.8440, 15.6212,
8.0967

304.6528,
328.6953, 279.2362

 8.0932, 9.2565,
4.0682

361.2756,

 4.2070, 4.9089,

389.2474, 335.3879

1.6628

424.5126,
456.8137, 398.6037

■ 1.8199, 2.1939,
0.3351

■ 0.5296, 0.7167,
0.0000

■ 83.3532, 91.1543,
67.2342

■ 83.3532, 91.1543,
67.2342

■ 80.0904, 88.9138,
52.9352

■ 87.1076, 93.6075,
84.0707

■ 77.2885, 86.8642,
41.0439

■ 91.3685, 96.2699,
103.5543

■ 74.9243, 84.9994,
31.4277

■ 92.8929, 97.8475,
108.5982

■ 72.9698, 83.3081,
23.9390

■ 93.5040, 99.0697,
108.8019

■ 71.3935, 81.7779,
18.4128

■ 93.5938, 99.2493,
108.8319

■ 70.1597, 80.3941,
14.6598

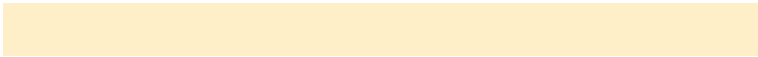
■ 69.2252, 79.1397,
12.4535

■ 68.5619, 78.0654,
11.4545

Harmonies

Analogous

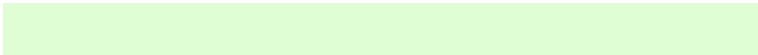
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1317, 91.1543, 67.3039



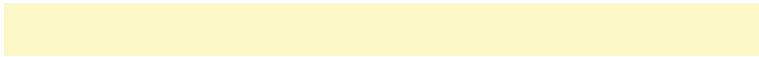
83.3532, 91.1543, 67.2342



77.7503, 91.1543, 74.9334

Triad

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



83.3532, 91.1543, 67.2342



77.6702, 91.1543, 128.0399



99.8893, 91.1543, 109.4524

Complementary

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



83.3532, 91.1543, 67.2342



62.3214, 61.8175, 99.9144

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.



96.1815, 91.1543, 128.3325



83.3532, 91.1543, 67.2342



83.2386, 91.1543, 139.9827

Square

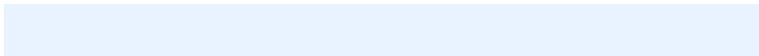
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.3532, 91.1543, 67.2342



74.5878, 91.1543, 109.0931



90.0109, 91.1543, 140.0963



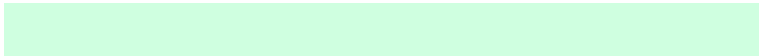
99.9240, 91.1543, 90.0204

Rectangle

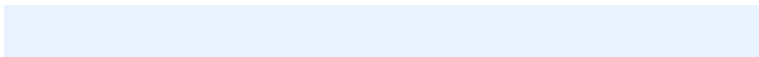
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.3532, 91.1543, 67.2342



75.3339, 91.1543, 84.0963



90.0109, 91.1543, 140.0963



99.0229, 91.1543, 116.1262

Sweetspot

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



83.3556, 91.1584, 67.2361



92.3099, 98.3059, 96.3143



71.0272, 65.6849, 65.6446



19.6968, 21.0031, 20.3351



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

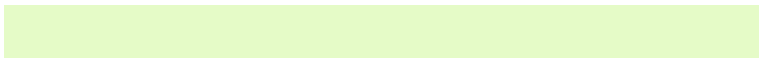
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.3556, 91.1584, 67.2361



84.8892, 93.4680, 63.0016



77.2263, 89.8314, 67.3030



18.6066, 19.9491, 18.3323



36.0877, 41.1321, 6.0373



3.3753, 3.8754, 0.5701

Inverse Universe

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



62.3214, 61.8175, 99.9144



59.3718, 57.8749, 102.6495



67.5544, 63.1330, 99.8925



16.3901, 16.8571, 21.7752



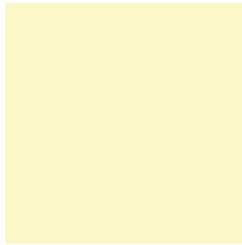
9.3165, 3.9886, 48.2524



0.8987, 0.4411, 4.4810

Previews

White Background



This preview shows how the XYZ color 83.3532, 91.1543, 67.2342 looks on a white background.

Color Contrast Check

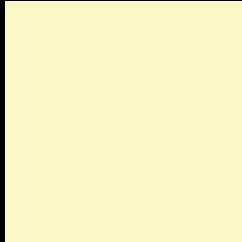
Large Text (above 18pt) WCAG AA × Fail

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 83.3532, 91.1543, 67.2342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

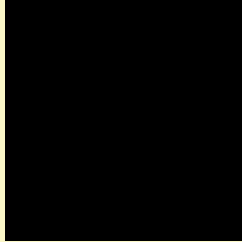
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.3532, 91.1543, 67.2342

Background



This preview shows how black text looks on a background with the XYZ color 83.3532, 91.1543, 67.2342.



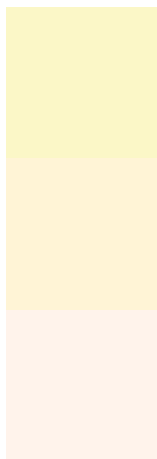
This preview shows how white text looks on a background with the XYZ color 83.3532, 91.1543,

67.2342.

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

83.3532, 91.1543, 67.2342

Protanopia

85.7283, 90.8164, 76.6293

Deuteranopia

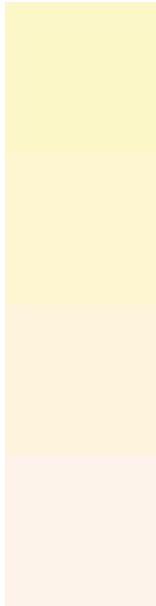
88.2860, 91.3593, 91.5782



Tritanopia

90.5847, 91.3264, 106.6194

Trichromacy



Original Color

83.3532, 91.1543, 67.2342

Protanomaly

85.0341, 90.9791, 73.4005

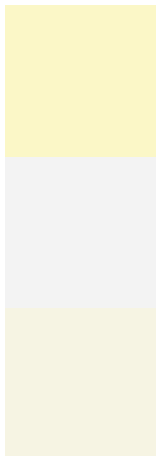
Deuteranomaly

86.4086, 91.0461, 82.1267

Tritanomaly

87.7749, 91.1125, 90.8021

Monochromacy



Original Color

83.3532, 91.1543, 67.2342

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.2218, 89.8402, 85.5750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3532, 91.1543, 67.2342 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, 247, 199)` looks like.

```
.text, #text, p{  
    color:rgb(251, 247, 199)  
}
```

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, 247, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 247, 199) }
```

Border

The CSS property to change the border of an element to XYZ 83.3532, 91.1543, 67.2342 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, 247, 199) }
```


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

```
.border{ border-color:rgb(251, 247, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 247, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 247, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 247, 199);  
box-shadow:4px 4px 4px 4px rgb(251, 247,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 83.3532, 91.1543, 67.2342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 247, 199) }
```

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

```
.background{ background-color: rgb(251,  
247, 199) }
```

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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