

Converting Colors

XYZ(104.2374, 100.6988,
92.9544)

Have a look what the booklet for
XYZ(104.2374, 100.6988, 92.9544)
contains.

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Color

**XYZ(89.3361, 93.2277,
92.6431)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF6EC
RGB	255, 246, 236
RGB Percent	100%, 96%, 93%
CMY	0.0000, 0.0353, 0.0745
CMYK	0.00, 0.04, 0.07, 0.00
HSL	32°, 100%, 96%
HSV	32°, 7%, 100%
XYZ	89.3361, 93.2277, 92.6431
YIQ	247.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

Format	Color
R _Y B	253, 255, 236
Decimal	16774892
CIE Lab	97.32, 1.33, 5.86
CIE LCh	97, 6.011, 77.215
Yxy	93.2277, 0.3246, 0.3388
Android (android.graphics.Color)	4294964972 (0xFFFFF6EC)
YUV	247.5510, -5.6946, 6.5328
Hunter-Lab	96.5545, -3.8150, 10.7000

Details

The XYZ color **89.3361, 93.2277, 92.6431** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.2937, 90.3553, 107.5526**, and the grayscale version is **88.8987, 93.5283, 101.8524**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.9404, 52.1280, 50.6096** is the 20% darker color. If you saturate the color by 10%, you get **82.3396, 84.7465, 73.3190**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

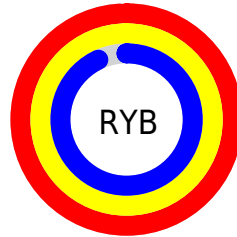
Distribution



Red (100%)

Green (96%)

Blue (93%)



Red (99%)

Yellow (100%)

Blue (93%)



Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.3361, 93.2277, 92.6431 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 89.3361, 93.2277, 92.6431 by changing the saturation by 10% instead.

89.3361, 93.2277,
92.6431

89.3361, 93.2277,
92.6431

514.1390,
538.4755, 557.3822

67.7646, 70.6608,
69.5889

145.2989,
151.8138, 152.9718

49.9792, 52.0654,
50.7167

180.4209,
188.6018, 191.0834

35.6146, 37.0572,
35.6080

220.7905,
230.8989, 235.0512

24.3054, 25.2518,
23.8443

266.7730,
279.0896, 285.2938

15.6863, 16.2647,
15.0071

318.7337,
333.5582, 342.2296

9.3919, 9.7117,
8.6777

377.0380,

5.0568, 5.2082,

394.6891, 406.2772

4.4376

442.0513,
462.8667, 477.8553

■ 2.3157, 2.3699,
1.8684

■ 0.8027, 0.8104,
0.4725

■ 89.3361, 93.2277,
92.6431

■ 89.3361, 93.2277,
92.6431

■ 82.3396, 84.7465,
73.3190

95.0500, 100.0000,
108.9000

■ 76.0820, 76.9325,
56.7394

■ 70.5367, 69.7707,
42.7791

■ 65.6732, 63.2412,
31.3003

■ 61.4583, 57.3229,
22.1530

■ 57.8556, 51.9930,
15.1703

■ 54.8242, 47.2267,
10.1630

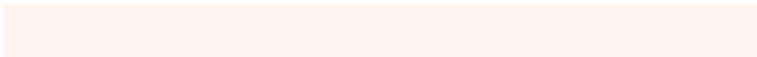
■ 52.3167, 42.9962,
6.9083

■ 50.2726, 39.2682,
5.1166

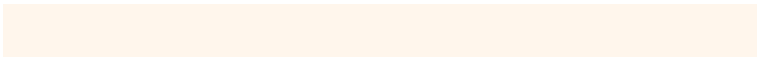
Harmonies

Analogous

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



90.8510, 93.2277, 94.7867



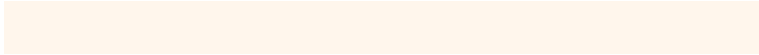
89.3361, 93.2277, 92.6431



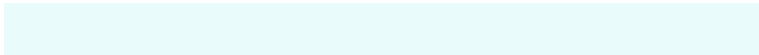
87.6454, 93.2277, 92.8196

Triad

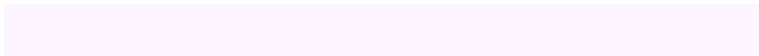
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.3361, 93.2277, 92.6431



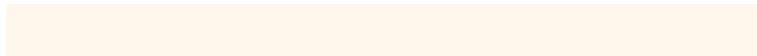
85.5216, 93.2277, 104.3075



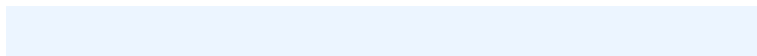
91.0330, 93.2277, 108.0075

Complementary

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



89.3361, 93.2277, 92.6431



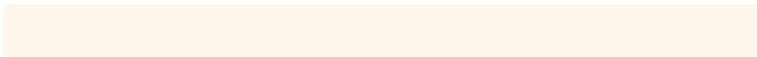
85.2937, 90.3553, 107.5526

Split Complementary

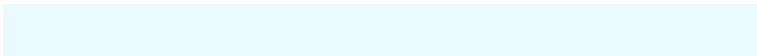
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.5819, 93.2277, 110.7247



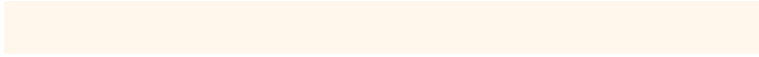
89.3361, 93.2277, 92.6431



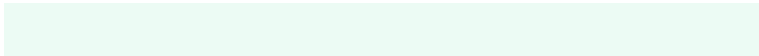
86.4064, 93.2277, 108.5421

Square

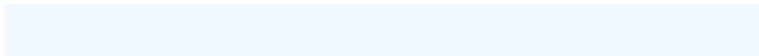
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.3361, 93.2277, 92.6431



85.4577, 93.2277, 99.4497



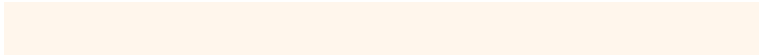
87.8881, 93.2277, 110.9235



91.8391, 93.2277, 103.5967

Rectangle

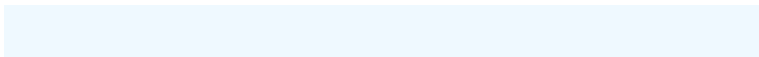
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.3361, 93.2277, 92.6431



86.6461, 93.2277, 94.2287



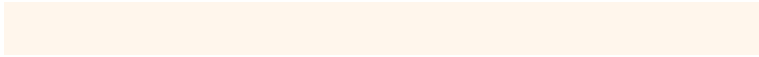
87.8881, 93.2277, 110.9235



90.6036, 93.2277, 109.1553

Sweetspot

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



89.3382, 93.2315, 92.6451



93.4742, 98.1451, 104.3776



87.7455, 87.8558, 98.8669



20.0239, 21.0266, 22.3885



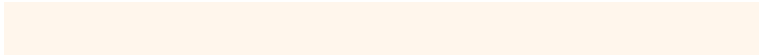
0.0000, 0.0000, 0.0000



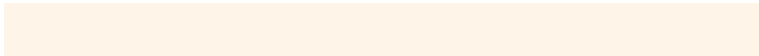
20.3446, 21.4041, 23.3091

Same Dimension

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



89.3382, 93.2315, 92.6451



88.2040, 91.8719, 89.4654



92.0242, 98.7762, 93.5738



18.8011, 19.5704, 18.9309



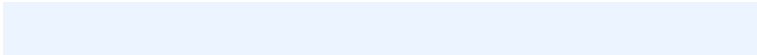
26.1745, 20.3603, 2.5504



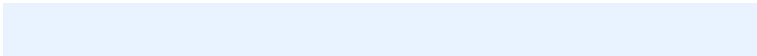
2.6580, 2.2013, 0.2848

Inverse Universe

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



85.2937, 90.3553, 107.5526



83.3700, 88.4342, 107.2832



82.7439, 85.0993, 106.6725



17.7122, 18.7960, 22.9444



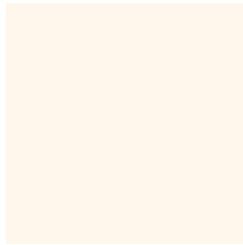
13.1332, 11.1760, 50.8996



1.3871, 1.3050, 4.9920

Previews

White Background



This preview shows how the XYZ color 89.3361, 93.2277, 92.6431 looks on a white background.

Color Contrast Check

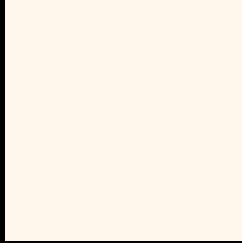
Large Text (above 18pt) WCAG AA × Fail

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 89.3361, 93.2277, 92.6431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

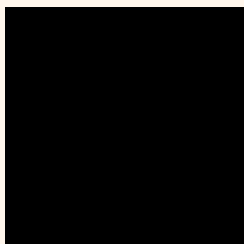
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.3361, 93.2277, 92.6431

Background



This preview shows how black text looks on a background with the XYZ color 89.3361, 93.2277, 92.6431.



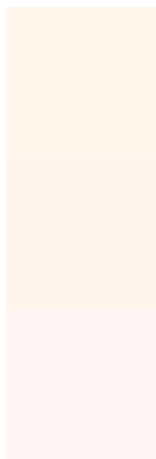
This preview shows how white text looks on a background with the XYZ color 89.3361, 93.2277, 92.6431.

92.6431.

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

89.3361, 93.2277, 92.6431

Protanopia

88.9691, 93.0385, 92.6259

Deuteranopia

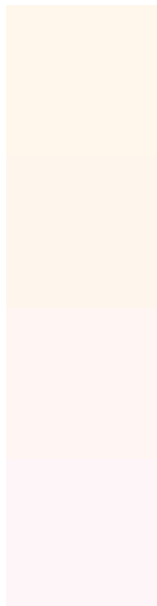
90.3738, 93.1574, 99.6042



Tritanopia

91.5755, 93.5956, 107.8470

Trichromacy



Original Color

89.3361, 93.2277, 92.6431

Protanomaly

88.9691, 93.0385, 92.6259

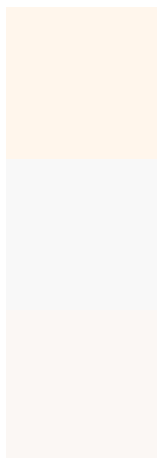
Deuteranomaly

89.9194, 92.9756, 97.2112

Tritanomaly

90.4687, 93.1530, 102.0190

Monochromacy



Original Color

89.3361, 93.2277, 92.6431

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.3736, 93.5624, 98.9368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.3361, 93.2277, 92.6431 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(255, 246, 236) looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 236)  
}
```

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(255, 246, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 236) }
```

Border

The CSS property to change the border of an element to XYZ 89.3361, 93.2277, 92.6431 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(255, 246, 236) }
```


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

```
.border{ border-color:rgb(255, 246, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 89.3361, 93.2277, 92.6431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 236) }
```

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

```
.background{ background-color: rgb(255,  
246, 236) }
```

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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