

Converting Colors

XYZ(104.8237, 94.5105,
61.0450)

Have a look what the booklet for
XYZ(104.8237, 94.5105, 61.0450)
contains.

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Color

**XYZ(78.4446, 80.9727,
59.6389)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5BD
RGB	255, 229, 189
RGB Percent	100%, 90%, 74%
CMY	0.0000, 0.1019, 0.2588
CMYK	0.00, 0.10, 0.26, 0.00
HSL	36°, 100%, 87%
HSV	36°, 26%, 100%
XYZ	78.4446, 80.9727, 59.6389
YIQ	232.2140, 28.3360, -6.9280

Conversions

Conversions Part 2

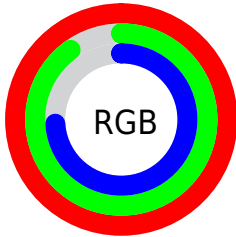
Format	Color
R _Y B	232, 255, 189
Decimal	16770493
CIE Lab	92.12, 2.97, 22.77
CIE LCh	92, 22.967, 82.562
Yxy	80.9727, 0.3581, 0.3696
Android (android.graphics.Color)	4294960573 (0xFFFFE5BD)
YUV	232.2140, -21.3045, 19.9833
Hunter-Lab	89.9848, -1.8654, 23.6940

Details

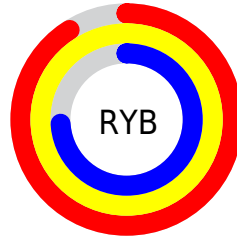
The XYZ color **78.4446, 80.9727, 59.6389** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.3360, 66.6377, 104.1319**, and the grayscale version is **77.0034, 81.0135, 88.2237**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **42.8687, 44.0554, 29.5367** is the 20% darker color. If you saturate the color by 10%, you get **73.2178, 74.5661, 45.4203**, and if you desaturate by 10%, it is **84.3228, 87.9028, 76.4775**.

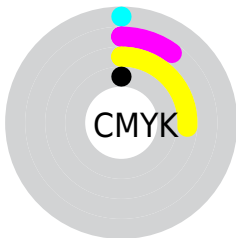
Distribution



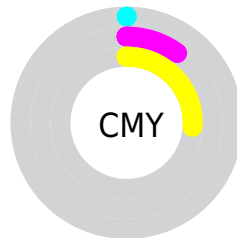
- Red (100%)
- Green (90%)
- Blue (74%)



- Red (91%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4446, 80.9727, 59.6389 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 78.4446, 80.9727, 59.6389 by changing the saturation by 10% instead.


 78.4446, 80.9727,
59.6389

 78.4446, 80.9727,
59.6389


478.4922,
498.2049, 441.0331

 58.7433, 60.5191,
42.7043


 130.1387,
134.7324, 105.8439

 42.6521, 43.8372,
29.3235


162.8623,
168.8074, 135.9513

 29.8056, 30.5425,
19.0780


200.6574,
208.1916, 171.2868

 19.8384, 20.2508,
11.5492

243.8892,
253.2694, 212.2688

 12.3852, 12.5774,
6.3188

292.9233,
304.4252, 259.3159

 7.0807, 7.1382,
2.9679

348.1249,

 3.5594, 3.5487,

362.0435, 312.8466

1.0783

409.8594,
426.5086, 373.2795

■ 1.4560, 1.4245,
0.0000

■ 0.2956, 0.2346,
0.0000

■ 78.4446, 80.9727,
59.6389

■ 78.4446, 80.9727,
59.6389

■ 73.2178, 74.5661,
45.4203

■ 84.3228, 87.9028,
76.4775

■ 68.6083, 68.6565,
33.6815

■ 90.8729, 95.3602,
96.0564

■ 64.5876, 63.2310,
24.2768

95.0500, 100.0000,
108.9000

■ 61.1221, 58.2715,
17.0433

■ 58.1739, 53.7583,
11.7964

■ 55.6993, 49.6690,
8.3206

■ 53.6447, 45.9773,
6.3488

■ 52.8894, 44.5588,
5.8131

Harmonies

Analogous

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



84.0886, 80.9727, 64.7392



78.4446, 80.9727, 59.6389



72.6784, 80.9727, 61.3659

Triad

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



78.4446, 80.9727, 59.6389



66.9252, 80.9727, 101.2691



86.3551, 80.9727, 109.4966

Complementary

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



78.4446, 80.9727, 59.6389



63.3360, 66.6377, 104.1319

Split Complementary

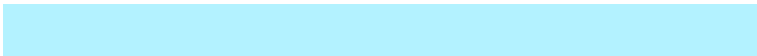
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4110, 80.9727, 121.8131



78.4446, 80.9727, 59.6389



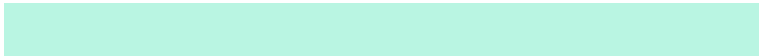
70.2501, 80.9727, 116.6544

Square

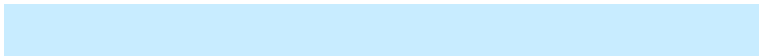
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4446, 80.9727, 59.6389



66.2215, 80.9727, 84.0137



75.4984, 80.9727, 124.5876



88.8055, 80.9727, 92.4519

Rectangle

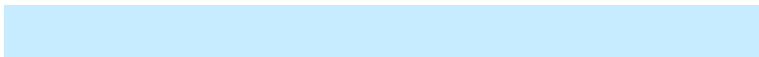
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.4446, 80.9727, 59.6389



69.5194, 80.9727, 66.2753



75.4984, 80.9727, 124.5876



84.9179, 80.9727, 114.4121

Sweetspot

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



78.4466, 80.9763, 59.6406



89.4278, 93.7354, 91.6740



71.7554, 62.5829, 72.8583



18.9256, 19.8194, 18.9724



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.



78.4466, 80.9763, 59.6406



75.6911, 77.6318, 52.0434



83.7990, 95.2239, 62.1085



18.9256, 19.8194, 18.9724



27.7856, 23.5823, 3.0874



2.8119, 2.5092, 0.3361

Inverse Universe

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



63.3360, 66.6377, 104.1319



58.2764, 61.1108, 103.3318



58.9095, 55.2984, 102.1765



17.5899, 18.5514, 22.9036



11.9697, 8.8489, 50.5117



1.2683, 1.0672, 4.9524

Previews

White Background



This preview shows how the XYZ color 78.4446, 80.9727, 59.6389 looks on a white background.

Color Contrast Check

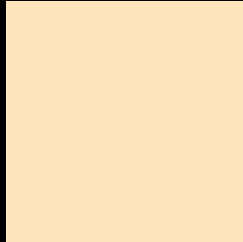
Large Text (above 18pt) WCAG AA × Fail

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 78.4446, 80.9727, 59.6389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

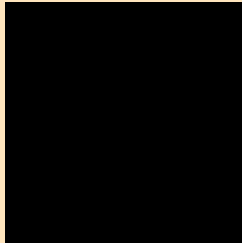
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4446, 80.9727, 59.6389

Background



This preview shows how black text looks on a background with the XYZ color 78.4446, 80.9727, 59.6389.



This preview shows how white text looks on a background with the XYZ color 78.4446, 80.9727,

59.6389.

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

78.4446, 80.9727, 59.6389

Protanopia

76.1569, 81.0238, 60.3404

Deuteranopia

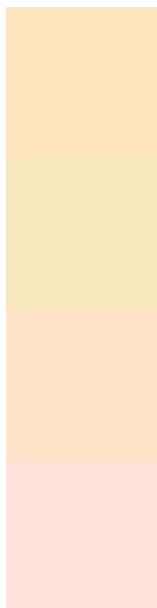
80.2177, 80.8016, 71.6899



Tritanopia

83.3283, 80.7444, 92.0823

Trichromacy



Original Color

78.4446, 80.9727, 59.6389

Protanomaly

76.9371, 81.0093, 60.2965

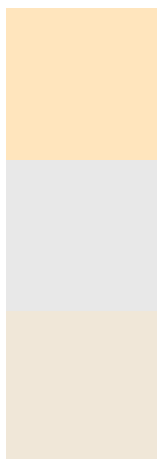
Deuteranomaly

79.6441, 81.0111, 67.3161

Tritanomaly

81.3546, 80.8200, 79.0221

Monochromacy



Original Color

78.4446, 80.9727, 59.6389

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.9058, 80.6350, 76.4765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4446, 80.9727, 59.6389 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, 229, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 189)  
}
```

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, 229, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 189) }
```

Border

The CSS property to change the border of an element to XYZ 78.4446, 80.9727, 59.6389 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, 229, 189) }
```


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

```
.border{ border-color:rgb(255, 229, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4446, 80.9727, 59.6389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 189) }
```

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

```
.background{ background-color: rgb(255,  
229, 189) }
```

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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