

Converting Colors

XYZ(79.3401, 81.9346, 62.8477)

Have a look what the booklet for
XYZ(79.3401, 81.9346, 62.8477)
contains.

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Color

**XYZ(79.2744, 81.7487,
62.6398)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6C2
RGB	255, 230, 194
RGB Percent	100%, 90%, 76%
CMY	0.0000, 0.0980, 0.2392
CMYK	0.00, 0.10, 0.24, 0.00
HSL	35°, 100%, 88%
HSV	35°, 24%, 100%
XYZ	79.2744, 81.7487, 62.6398
YIQ	233.3710, 26.4560, -5.8960

Conversions

Conversions Part 2

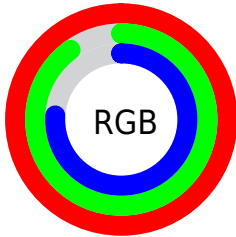
Format	Color
R _Y B	236, 255, 194
Decimal	16770754
CIE Lab	92.46, 3.14, 20.67
CIE LCh	92, 20.905, 81.369
Yxy	81.7487, 0.3544, 0.3655
Android (android.graphics.Color)	4294960834 (0xFFFFE6C2)
YUV	233.3710, -19.4099, 18.9686
Hunter-Lab	90.4150, -1.7203, 22.2142

Details

The XYZ color **79.2744, 81.7487, 62.6398** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.6289, 69.3502, 104.5347**, and the grayscale version is **77.8611, 81.9160, 89.2065**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **43.3523, 44.5592, 31.1268** is the 20% darker color. If you saturate the color by 10%, you get **73.8321, 75.0606, 47.8882**, and if you desaturate by 10%, it is **85.3865, 88.9893, 80.0411**.

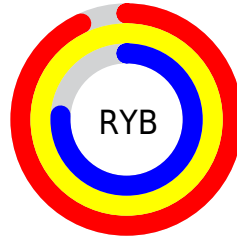
Distribution



Red (100%)

Green (90%)

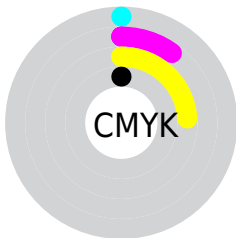
Blue (76%)



Red (93%)

Yellow (100%)

Blue (76%)

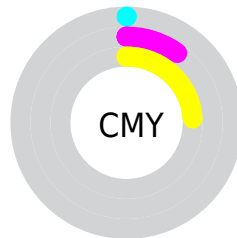


Cyan (0%)

Magenta (10%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (10%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2744, 81.7487, 62.6398 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 79.2744, 81.7487, 62.6398 by changing the saturation by 10% instead.


 79.2744, 81.7487,
62.6398

 79.2744, 81.7487,
62.6398


481.2580,
500.8067, 452.3330

 59.4279, 61.1584,
45.1107


131.3010,
135.8215, 110.2302

 43.2053, 44.3530,
31.2011


164.2117,
170.0729, 141.1287

 30.2415, 30.9481,
20.4923


202.2079,
209.6467, 177.3207

 20.1709, 20.5594,
12.5658

245.6549,
254.9274, 219.2248

 12.6283, 12.8023,
7.0030

294.9181,
306.2993, 267.2596

 7.2483, 7.2925,
3.3855

350.3627,

 3.6656, 3.6457,

364.1469, 321.8435

1.2947

412.3542,
428.8546, 383.3951

■ 1.5148, 1.4774,
0.0574

■ 0.3358, 0.2728,
0.0000

■ 79.2744, 81.7487,
62.6398

■ 79.2744, 81.7487,
62.6398

■ 73.8321, 75.0606,
47.8882

■ 85.3865, 88.9893,
80.0411

■ 69.0254, 68.8979,
35.6479

■ 92.1887, 96.7867,
100.2105

■ 64.8260, 63.2472,
25.7760

95.0500, 100.0000,
108.9000

■ 61.2005, 58.0901,
18.1125

■ 58.1117, 53.4063,
12.4778

■ 55.5169, 49.1734,
8.6633

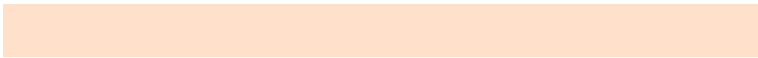
■ 53.3644, 45.3650,
6.4146

■ 52.2288, 43.2376,
5.5929

Harmonies

Analogous

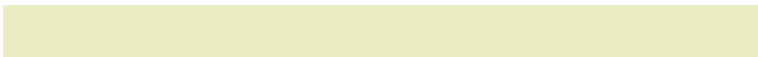
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3900, 81.7487, 67.6690



79.2744, 81.7487, 62.6398



73.9635, 81.7487, 64.0057

Triad

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



79.2744, 81.7487, 62.6398



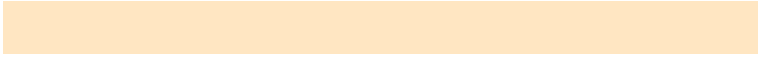
68.3919, 81.7487, 100.3360



86.1295, 81.7487, 108.9769

Complementary

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



79.2744, 81.7487, 62.6398



65.6289, 69.3502, 104.5347

Split Complementary

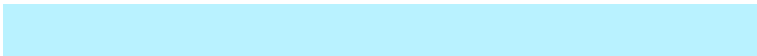
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.5597, 81.7487, 119.8028



79.2744, 81.7487, 62.6398



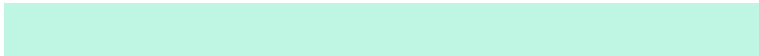
71.3726, 81.7487, 114.4244

Square

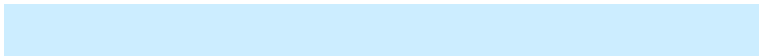
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2744, 81.7487, 62.6398



67.8437, 81.7487, 84.6054



76.1460, 81.7487, 121.9044



88.4667, 81.7487, 93.5657

Rectangle

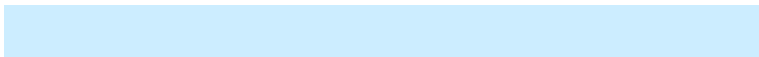
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2744, 81.7487, 62.6398



71.0128, 81.7487, 68.4355



76.1460, 81.7487, 121.9044



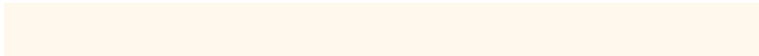
84.7937, 81.7487, 113.3440

Sweetspot

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



79.2764, 81.7523, 62.6415



90.0190, 94.3251, 93.6978



73.3735, 64.9809, 75.9819



19.1784, 20.0875, 19.7887



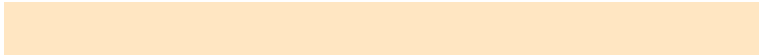
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



79.2764, 81.7523, 62.6415



76.4297, 78.2863, 54.8255



84.8924, 95.7238, 65.0423



18.9006, 19.7695, 18.9640



27.4413, 22.8938, 2.9726



2.7794, 2.4442, 0.3253

Inverse Universe

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



65.6289, 69.3502, 104.5347



60.4992, 63.8127, 103.7362



60.9180, 57.9582, 102.5841



17.6142, 18.6000, 22.9117



12.1818, 9.2732, 50.5824



1.2904, 1.1115, 4.9598

Previews

White Background



This preview shows how the XYZ color 79.2744, 81.7487, 62.6398 looks on a white background.

Color Contrast Check

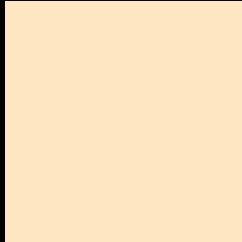
Large Text (above 18pt) WCAG AA × Fail

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 79.2744, 81.7487, 62.6398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

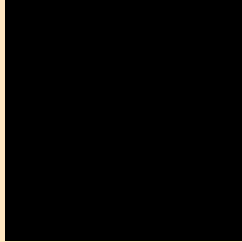
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2744, 81.7487, 62.6398

Background



This preview shows how black text looks on a background with the XYZ color 79.2744, 81.7487, 62.6398.



This preview shows how white text looks on a background with the XYZ color 79.2744, 81.7487,

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

79.2744, 81.7487, 62.6398

Protanopia

76.9953, 81.8108, 63.3627

Deuteranopia

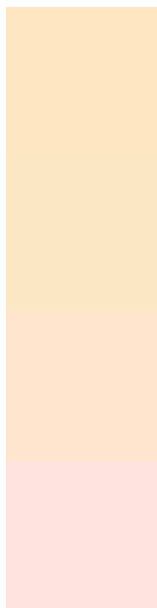
80.8671, 81.5003, 73.7563



Tritanopia

84.0163, 81.8847, 93.0385

Trichromacy



Original Color

79.2744, 81.7487, 62.6398

Protanomaly

77.7739, 81.7931, 63.3183

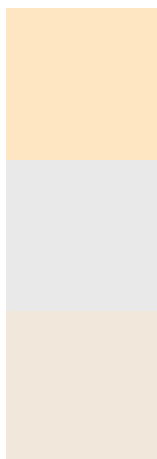
Deuteranomaly

80.2788, 81.7064, 69.2974

Tritanomaly

82.0284, 81.5259, 81.2247

Monochromacy



Original Color

79.2744, 81.7487, 62.6398

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.9184, 81.5285, 78.6477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2744, 81.7487, 62.6398 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, 230, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 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(255, 230, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 194) }
```

Border

The CSS property to change the border of an element to XYZ 79.2744, 81.7487, 62.6398 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, 230, 194) }
```


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

```
.border{ border-color:rgb(255, 230, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 230, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2744, 81.7487, 62.6398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 194) }
```

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

```
.background{ background-color: rgb(255,  
230, 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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