

Converting Colors

XYZ(79.4873, 82.0484, 62.0483)

Have a look what the booklet for
XYZ(79.4873, 82.0484, 62.0483)
contains.

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Color

**XYZ(79.1625, 81.7039,
62.0502)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6C1
RGB	255, 230, 193
RGB Percent	100%, 90%, 76%
CMY	0.0000, 0.0980, 0.2431
CMYK	0.00, 0.10, 0.24, 0.00
HSL	36°, 100%, 88%
HSV	36°, 24%, 100%
XYZ	79.1625, 81.7039, 62.0502
YIQ	233.2570, 26.7770, -6.2070

Conversions

Conversions Part 2

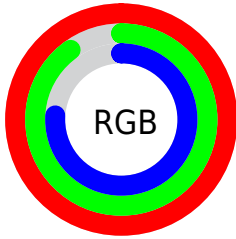
Format	Color
R _Y B	235, 255, 193
Decimal	16770753
CIE Lab	92.44, 3.00, 21.16
CIE LCh	92, 21.369, 81.927
Yxy	81.7039, 0.3551, 0.3665
Android (android.graphics.Color)	4294960833 (0xFFFFE6C1)
YUV	233.2570, -19.8467, 19.0686
Hunter-Lab	90.3902, -1.8550, 22.5723

Details

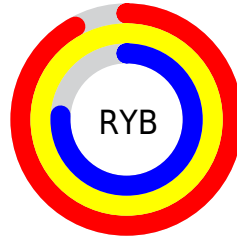
The XYZ color **79.1625, 81.7039, 62.0502** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.1131, 68.6982, 104.4360**, and the grayscale version is **77.7781, 81.8286, 89.1114**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **43.2789, 44.5298, 30.7402** is the 20% darker color. If you saturate the color by 10%, you get **73.7830, 75.1115, 47.4121**, and if you desaturate by 10%, it is **85.2051, 88.8372, 79.3310**.

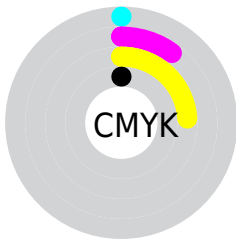
Distribution



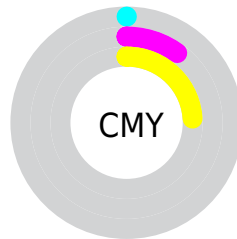
- Red (100%)
- Green (90%)
- Blue (76%)



- Red (92%)
- 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 79.1625, 81.7039, 62.0502 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 79.1625, 81.7039, 62.0502 by changing the saturation by 10% instead.


 79.1625, 81.7039,
62.0502

 79.1625, 81.7039,
62.0502


480.8855,
500.6567, 450.1269

 59.3355, 61.1215,
44.6372


 131.1443,
135.7587, 109.3704

 43.1307, 44.3232,
30.8309


164.0299,
169.9999, 140.1147

 30.1826, 30.9247,
20.2127


201.9990,
209.5628, 176.1398

 20.1260, 20.5415,
12.3642

245.4170,
254.8318, 217.8643

 12.5955, 12.7893,
6.8667

294.6494,
306.1913, 265.7067

 7.2257, 7.2836,
3.3017

350.0613,

 3.6512, 3.6401,

364.0256, 320.0856

1.2507

412.0182,
428.7193, 381.4195

■ 1.5068, 1.4743,
0.0208

■ 0.3304, 0.2706,
0.0000

■ 79.1625, 81.7039,
62.0502

■ 79.1625, 81.7039,
62.0502

■ 73.7830, 75.1115,
47.4121

■ 85.2051, 88.8372,
79.3310

■ 69.0328, 69.0333,
35.2783

■ 91.9313, 96.5154,
99.3735

■ 64.8834, 63.4561,
25.5050

95.0500, 100.0000,
108.9000

■ 61.3016, 58.3617,
17.9320

■ 58.2501, 53.7302,
12.3784

■ 55.6860, 49.5392,
8.6347

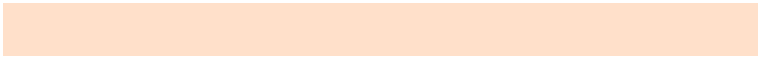
■ 53.5575, 45.7627,
6.4438

■ 52.5008, 43.7815,
5.6836

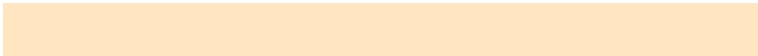
Harmonies

Analogous

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



84.4118, 81.7039, 67.0453



79.1625, 81.7039, 62.0502



73.7475, 81.7039, 63.5599

Triad

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



79.1625, 81.7039, 62.0502



68.1901, 81.7039, 100.8448



86.3468, 81.7039, 109.1283

Complementary

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



79.1625, 81.7039, 62.0502



65.1131, 68.6982, 104.4360

Split Complementary

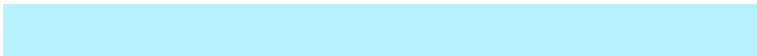
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.7025, 81.7039, 120.3634



79.1625, 81.7039, 62.0502



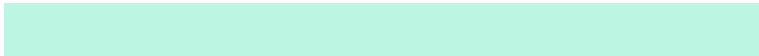
71.2727, 81.7039, 115.1988

Square

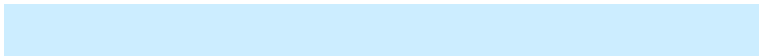
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1625, 81.7039, 62.0502



67.5823, 81.7039, 84.7463



76.1709, 81.7039, 122.7078



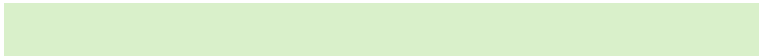
88.6865, 81.7039, 93.3146

Rectangle

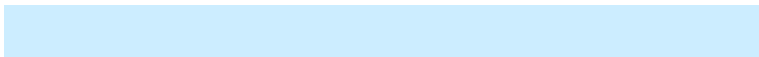
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1625, 81.7039, 62.0502



70.7559, 81.7039, 68.1430



76.1709, 81.7039, 122.7078



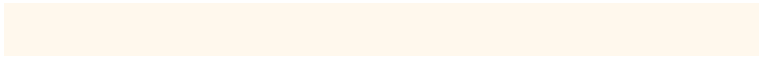
84.9931, 81.7039, 113.6397

Sweetspot

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



79.1644, 81.7075, 62.0519



90.0552, 94.3976, 93.7098



73.0748, 64.5065, 75.5032



19.1868, 20.1043, 19.7915



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

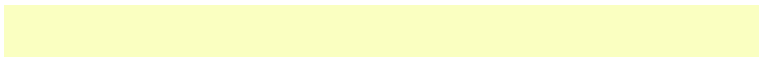
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1644, 81.7075, 62.0519



76.5617, 78.5504, 54.8695



84.7505, 95.6636, 64.4513



18.9110, 19.7902, 18.9675



27.5831, 23.1773, 3.0199



2.7928, 2.4711, 0.3298

Inverse Universe

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



65.1131, 68.6982, 104.4360



60.3778, 63.5698, 103.6957



60.4535, 57.3894, 102.4988



17.6041, 18.5798, 22.9084



12.0924, 9.0943, 50.5526



1.2811, 1.0929, 4.9567

Previews

White Background



This preview shows how the XYZ color 79.1625, 81.7039, 62.0502 looks on a white background.

Color Contrast Check

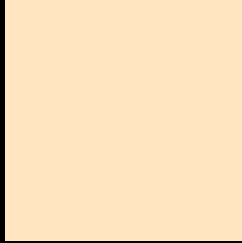
Large Text (above 18pt) WCAG AA × Fail

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 79.1625, 81.7039, 62.0502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

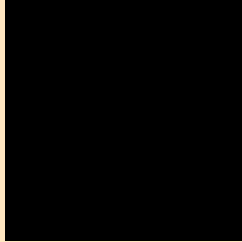
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1625, 81.7039, 62.0502

Background



This preview shows how black text looks on a background with the XYZ color 79.1625, 81.7039, 62.0502.



This preview shows how white text looks on a background with the XYZ color 79.1625, 81.7039,

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

79.1625, 81.7039, 62.0502

Protanopia

76.8826, 81.7657, 62.7691

Deuteranopia

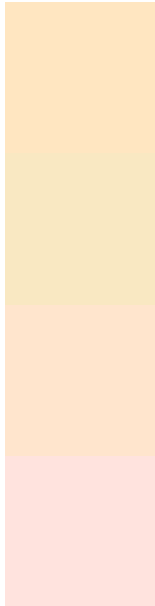
80.8671, 81.5003, 73.7563



Tritanopia

84.0163, 81.8847, 93.0385

Trichromacy



Original Color

79.1625, 81.7039, 62.0502

Protanomaly

77.6611, 81.7480, 62.7247

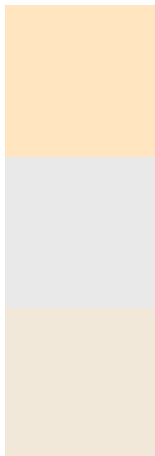
Deuteranomaly

80.2788, 81.7064, 69.2974

Tritanomaly

81.8939, 81.4721, 80.5167

Monochromacy



Original Color

79.1625, 81.7039, 62.0502

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.7871, 81.4760, 77.9563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1625, 81.7039, 62.0502 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 193) }
```

Border

The CSS property to change the border of an element to XYZ 79.1625, 81.7039, 62.0502 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, 193) }
```


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

```
.border{ border-color:rgb(255, 230, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1625, 81.7039, 62.0502 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
230, 193) }
```

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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