

Converting Colors

XYZ(83.3855, 74.1281, 59.9360)

Have a look what the booklet for
XYZ(83.3855, 74.1281, 59.9360)
contains.

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Color

**XYZ(72.5857, 68.7284,
59.3094)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDC0
RGB	255, 205, 192
RGB Percent	100%, 80%, 75%
CMY	0.0000, 0.1961, 0.2471
CMYK	0.00, 0.20, 0.25, 0.00
HSL	12°, 100%, 88%
HSV	12°, 25%, 100%
XYZ	72.5857, 68.7284, 59.3094
YIQ	218.4680, 33.9730, 6.5570

Conversions

Conversions Part 2

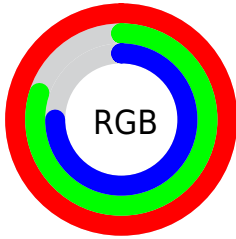
Format	Color
R _Y B	255, 208, 192
Decimal	16764352
CIE Lab	86.37, 15.78, 13.16
CIE LCh	86, 20.548, 39.834
Yxy	68.7284, 0.3618, 0.3426
Android (android.graphics.Color)	4294954432 (0xFFFFCDC0)
YUV	218.4680, -13.0487, 32.0386
Hunter-Lab	82.9026, 11.2069, 15.6151

Details

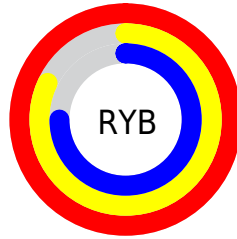
The XYZ color **72.5857, 68.7284, 59.3094** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.5393, 81.9281, 106.6509**, and the grayscale version is **67.0360, 70.5271, 76.8040**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **38.7528, 35.8676, 29.3067** is the 20% darker color. If you saturate the color by 10%, you get **65.4700, 58.6335, 44.1848**, and if you desaturate by 10%, it is **80.8205, 80.2775, 77.2236**.

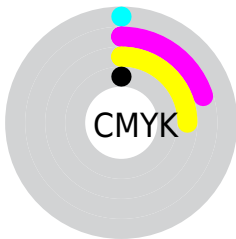
Distribution



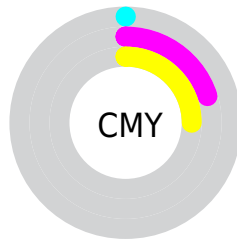
- Red (100%)
- Green (80%)
- Blue (75%)



- Red (100%)
- Yellow (82%)
- Blue (75%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5857, 68.7284, 59.3094 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 72.5857, 68.7284, 59.3094 by changing the saturation by 10% instead.

 72.5857, 68.7284,
59.3094

 72.5857, 68.7284,
59.3094


458.7037,
456.0725, 439.7813

 53.9244, 50.4905,
42.4406


 121.8952,
117.3936, 105.3608

 38.7717, 35.8033,
29.1183


153.2741,
148.5897, 135.3804

 26.7621, 24.2823,
18.9240

189.6230,
184.8740, 170.6207

 17.5303, 15.5432,
11.4391

231.3071,
226.6309, 211.5002

 10.7109, 9.2015,
6.2451

278.6919,
274.2448, 258.4375

 5.9387, 4.8728,
2.9235

332.1427,

 2.8481, 2.1728,

328.1001, 311.8511

1.0557

392.0249,
388.5812, 372.1595

■ 1.0740, 0.7051,
0.0000

■ 0.0032, 0.0000,
0.0000

■ 72.5857, 68.7284,
59.3094

■ 72.5857, 68.7284,
59.3094

■ 65.4700, 58.6335,
44.1848

■ 80.8205, 80.2775,
77.2236

■ 59.4191, 49.9257,
31.7048

■ 90.2152, 93.3258,
98.0541

■ 54.3820, 42.5464,
21.7174

95.0500, 100.0000,
108.9000

■ 50.3010, 36.4291,
14.0536

■ 47.1126, 31.5016,
8.5230

■ 44.7448, 27.6837,
4.9048

■ 43.1131, 24.8847,
2.9289

■ 42.4967, 23.7735,
2.3489

Harmonies

Analogous

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



74.7350, 68.7284, 70.4580



72.5857, 68.7284, 59.3094



68.5212, 68.7284, 52.8833

Triad

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



72.5857, 68.7284, 59.3094



57.1269, 68.7284, 66.1801



66.8953, 68.7284, 103.6523

Complementary

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



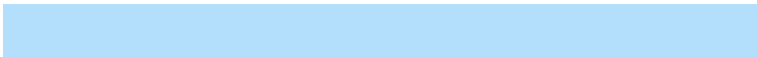
72.5857, 68.7284, 59.3094



71.5393, 81.9281, 106.6509

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.



62.2284, 68.7284, 102.1458



72.5857, 68.7284, 59.3094



56.7387, 68.7284, 79.3865

Square

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



72.5857, 68.7284, 59.3094



59.6512, 68.7284, 56.5044



58.5641, 68.7284, 92.8546



71.3461, 68.7284, 96.7511

Rectangle

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



72.5857, 68.7284, 59.3094



65.3508, 68.7284, 51.6224



58.5641, 68.7284, 92.8546



65.2978, 68.7284, 104.1300

Sweetspot

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



72.5874, 68.7315, 59.3108



87.9544, 90.1960, 93.0096



76.1772, 65.3948, 92.9275



18.7008, 19.1323, 19.6295



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.



72.5874, 68.7315, 59.3108



68.6830, 63.2081, 50.9636



80.7790, 85.1146, 62.0413



18.3131, 18.5944, 18.7682



22.2902, 12.5916, 1.2556



2.2441, 1.3736, 0.1468

Inverse Universe

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



71.5393, 81.9281, 106.6509



67.4525, 78.5992, 106.2238



63.0583, 64.9661, 103.8239



18.2178, 19.8071, 23.1129



20.6225, 26.1546, 53.3960



2.0843, 2.6993, 5.2244

Previews

White Background



This preview shows how the XYZ color 72.5857, 68.7284, 59.3094 looks on a white background.

Color Contrast Check

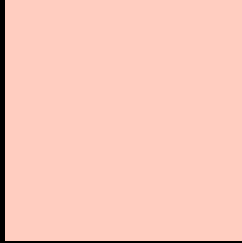
Large Text (above 18pt) WCAG AA × Fail

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 72.5857, 68.7284, 59.3094 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 72.5857, 68.7284, 59.3094

Background



This preview shows how black text looks on a background with the XYZ color 72.5857, 68.7284, 59.3094.



This preview shows how white text looks on a background with the XYZ color 72.5857, 68.7284,

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

72.5857, 68.7284, 59.3094

Protanopia

65.8002, 69.1965, 63.3143

Deuteranopia

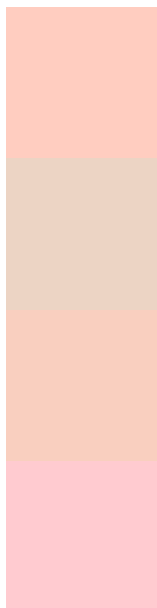
69.9659, 68.4662, 58.8179



Tritanopia

74.8849, 68.5108, 74.9227

Trichromacy



Original Color

72.5857, 68.7284, 59.3094

Protanomaly

68.0994, 68.9054, 61.9354

Deuteranomaly

70.7837, 68.5270, 58.7865

Tritanomaly

73.9811, 68.5259, 69.0021

Monochromacy



Original Color

72.5857, 68.7284, 59.3094

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.2579, 69.1809, 70.0773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5857, 68.7284, 59.3094 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, 205, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 192)  
}
```

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, 205, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 192) }
```

Border

The CSS property to change the border of an element to XYZ 72.5857, 68.7284, 59.3094 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, 205, 192) }
```


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

```
.border{ border-color:rgb(255, 205, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5857, 68.7284, 59.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 192) }
```

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

```
.background{ background-color: rgb(255,  
205, 192) }
```

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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