

Converting Colors

XYZ(69.2374, 61.7874, 58.9467)

Have a look what the booklet for
XYZ(69.2374, 61.7874, 58.9467)
contains.

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Color

**XYZ(69.2791, 61.9372,
58.7557)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBEC1
RGB	255, 190, 193
RGB Percent	100%, 75%, 76%
CMY	0.0000, 0.2549, 0.2431
CMYK	0.00, 0.25, 0.24, 0.00
HSL	357°, 100%, 87%
HSV	357°, 25%, 100%
XYZ	69.2791, 61.9372, 58.7557
YIQ	209.7770, 37.7770, 14.7130

Conversions

Conversions Part 2

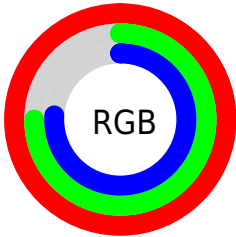
Format	Color
R _Y B	255, 190, 193
Decimal	16760513
CIE Lab	82.88, 23.77, 7.66
CIE LCh	83, 24.973, 17.852
Yxy	61.9372, 0.3647, 0.3260
Android (android.graphics.Color)	4294950593 (0xFFFFBEC1)
YUV	209.7770, -8.2711, 39.6606
Hunter-Lab	78.7002, 19.4067, 10.8256

Details

The XYZ color **69.2791, 61.9372, 58.7557** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.5683, 89.4966, 105.4441**, and the grayscale version is **61.1489, 64.3334, 70.0590**.

A 20% lighter version of the original color is **91.5996, 94.6211, 103.0584**, and **36.5637, 31.3721, 28.9392** is the 20% darker color. If you saturate the color by 10%, you get **61.7373, 50.8450, 43.9371**, and if you desaturate by 10%, it is **78.2365, 75.1459, 76.2495**.

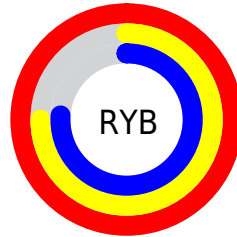
Distribution



Red (100%)

Green (75%)

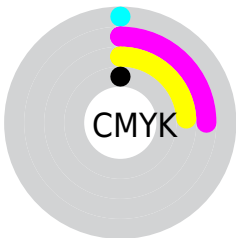
Blue (76%)



Red (100%)

Yellow (75%)

Blue (76%)

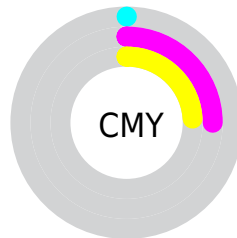


Cyan (0%)

Magenta (25%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.2791, 61.9372, 58.7557 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 69.2791, 61.9372, 58.7557 by changing the saturation by 10% instead.

 69.2791, 61.9372,
58.7557

 69.2791, 61.9372,
58.7557


447.3207,
431.7020, 437.6726

 51.2165, 44.9820,
41.9978


 117.2120,
107.6348, 104.5481

 36.6027, 31.4432,
28.7740


147.8130,
137.1459, 134.4197

 25.0723, 20.9366,
18.6658


183.3243,
171.6111, 169.4996

 16.2599, 13.0776,
11.2547

224.1110,
211.4147, 210.2064

 9.8003, 7.4820,
6.1221

270.5387,
256.9412, 256.9585

 5.3280, 3.7653,
2.8495

322.9727,

 2.4777, 1.5432,

308.5750, 310.1746

1.0183

381.7782,
366.7005, 370.2731

■ 0.8840, 0.3188,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.2791, 61.9372,
58.7557

■ 69.2791, 61.9372,
58.7557

■ 61.7373, 50.8450,
43.9371

■ 78.2365, 75.1459,
76.2495

■ 55.5345, 41.7515,
31.6584

■ 88.6719, 90.5642,
96.5371

■ 50.5936, 34.5403,
21.7781

95.0500, 100.0000,
108.9000

■ 46.8278, 29.0795,
14.1392

■ 44.1397, 25.2204,
8.5664

■ 42.4159, 22.7892,
4.8580

■ 41.5175, 21.5719,
2.7719

■ 41.3048, 21.2859,
2.2715

Harmonies

Analogous

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



69.5766, 61.9372, 73.8702



69.2791, 61.9372, 58.7557



66.0903, 61.9372, 47.7661

Triad

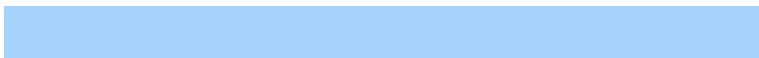
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.2791, 61.9372, 58.7557



51.5256, 61.9372, 49.4422



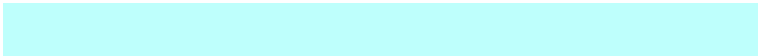
56.7185, 61.9372, 100.7593

Complementary

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



69.2791, 61.9372, 58.7557



74.5683, 89.4966, 105.4441

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.



52.1947, 61.9372, 91.8849



69.2791, 61.9372, 58.7557



49.3213, 61.9372, 61.3925

Square

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



69.2791, 61.9372, 58.7557



55.7538, 61.9372, 42.9798



49.5585, 61.9372, 76.9384



62.0991, 61.9372, 99.7651

Rectangle

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



69.2791, 61.9372, 58.7557



62.8576, 61.9372, 43.5451



49.5585, 61.9372, 76.9384



55.0536, 61.9372, 98.7817

Sweetspot

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



69.2806, 61.9400, 58.7570



85.9075, 86.4773, 91.1709



76.5194, 64.6985, 103.0628



18.0433, 18.0006, 18.8452



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.



69.2806, 61.9400, 58.7570



64.9523, 55.5698, 50.2654



75.9327, 75.7734, 59.3425



18.0433, 18.0006, 18.8452



21.5971, 11.1281, 1.2627



2.1142, 1.0881, 0.1829

Inverse Universe

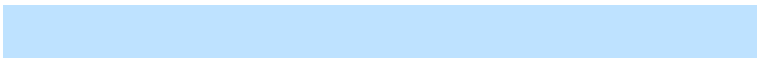
The Inverse Universe completely reimagines the original color for something new.



69.2806, 61.9400, 58.7570



64.9523, 55.5698, 50.2654



66.4160, 72.4264, 105.0869



18.0433, 18.0006, 18.8452



21.5971, 11.1281, 1.2627



2.1142, 1.0881, 0.1829

Previews

White Background



This preview shows how the XYZ color 69.2791, 61.9372, 58.7557 looks on a white background.

Color Contrast Check

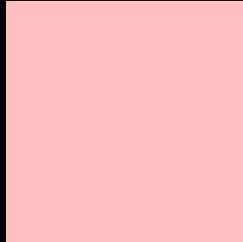
Large Text (above 18pt) WCAG AA × Fail

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 69.2791, 61.9372, 58.7557 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 69.2791, 61.9372, 58.7557

Background



This preview shows how black text looks on a background with the XYZ color 69.2791, 61.9372, 58.7557.



This preview shows how white text looks on a background with the XYZ color 69.2791, 61.9372,

58.7557.

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

69.2791, 61.9372, 58.7557

Protanopia

59.5959, 62.2558, 64.7526

Deuteranopia

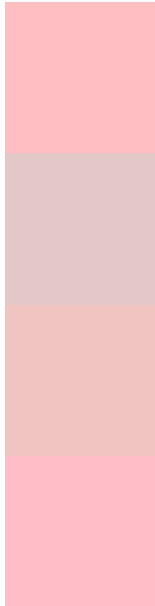
63.1061, 61.7642, 57.8859



Tritanopia

70.2171, 61.9670, 64.7599

Trichromacy



Original Color

69.2791, 61.9372, 58.7557

Protanomaly

62.6416, 61.7630, 62.6527

Deuteranomaly

65.1895, 61.8109, 58.3640

Tritanomaly

69.7464, 61.7787, 62.2813

Monochromacy



Original Color

69.2791, 61.9372, 58.7557

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.6190, 63.2403, 65.9802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2791, 61.9372, 58.7557 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, 190, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 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, 190, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 193) }
```

Border

The CSS property to change the border of an element to XYZ 69.2791, 61.9372, 58.7557 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, 190, 193) }
```


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

```
.border{ border-color:rgb(255, 190, 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, 190, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2791, 61.9372, 58.7557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 193) }
```

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

```
.background{ background-color: rgb(255,  
190, 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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