

Converting Colors

XYZ(71.3127, 66.3645, 63.6867)

Have a look what the booklet for
XYZ(71.3127, 66.3645, 63.6867)
contains.

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Color

**XYZ(71.2245, 66.1741,
63.6625)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC8C8
RGB	252, 200, 200
RGB Percent	99%, 78%, 78%
CMY	0.0118, 0.2157, 0.2157
CMYK	0.00, 0.21, 0.21, 0.01
HSL	0°, 90%, 89%
HSV	0°, 21%, 99%
XYZ	71.2245, 66.1741, 63.6625
YIQ	215.5480, 30.9920, 11.0240

Conversions

Conversions Part 2

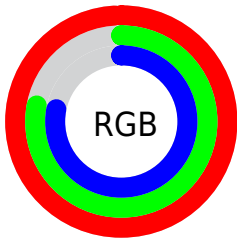
Format	Color
R _Y B	252, 200, 200
Decimal	16566472
CIE Lab	85.09, 18.44, 7.05
CIE LCh	85, 19.739, 20.912
Yxy	66.1741, 0.3542, 0.3291
Android (android.graphics.Color)	4294756552 (0xFFFC8C8)
YUV	215.5480, -7.6652, 31.9684
Hunter-Lab	81.3475, 13.9292, 10.5429

Details

The XYZ color **71.2245, 66.1741, 63.6625** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.1998, 88.9262, 105.2444**, and the grayscale version is **65.0000, 68.3851, 74.4714**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9729, 34.2352, 31.8008** is the 20% darker color. If you saturate the color by 10%, you get **63.1562, 54.3683, 47.6206**, and if you desaturate by 10%, it is **80.7436, 80.1035, 82.5842**.

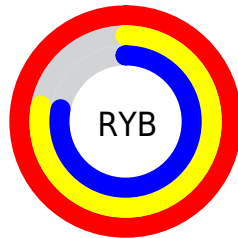
Distribution



Red (99%)

Green (78%)

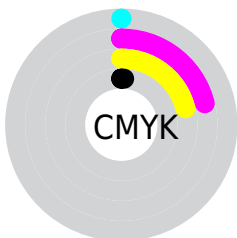
Blue (78%)



Red (99%)

Yellow (78%)

Blue (78%)

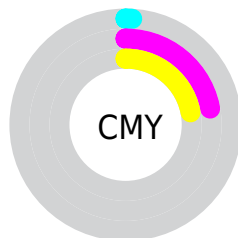


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (1%)



Cyan (1%)


Magenta (22%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.2245, 66.1741, 63.6625 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 71.2245, 66.1741, 63.6625 by changing the saturation by 10% instead.


 71.2245, 66.1741,
63.6625

 71.2245, 66.1741,
63.6625


454.0375,
446.9993, 456.1438

 52.8086, 48.4137,
45.9329


119.9701,
113.7362, 111.7195

 37.8769, 34.1547,
31.8446


151.0306,
144.3067, 142.8841

 26.0639, 23.0124,
20.9790


187.0366,
179.9160, 179.3640

 17.0044, 14.6027,
12.9176

228.3535,
220.9486, 221.5779

 10.3330, 8.5410,
7.2417

275.3467,
267.7889, 269.9443

 5.6842, 4.4430,
3.5330

328.3815,

 2.6929, 1.9244,

320.8211, 324.8817

1.3728

387.8233,
380.4298, 386.8087

0.9935, 0.5630,
0.1204

0.0000, 0.0000,
0.0000

71.2245, 66.1741,
63.6625

71.2245, 66.1741,
63.6625

63.1562, 54.3683,
47.6206

80.7436, 80.1035,
82.5842

56.4624, 44.5733,
34.3137

91.7741, 96.2441,
104.5129

51.0681, 36.6799,
23.5904

93.9551, 99.4356,
108.8488

46.8891, 30.5647,
15.2831

■ 43.8311, 26.0898,
9.2044

■ 41.7861, 23.0972,
5.1396

■ 40.6248, 21.3976,
2.8315

■ 40.1454, 20.6961,
1.8788

Harmonies

Analogous

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



71.7208, 66.1741, 75.9890



71.2245, 66.1741, 63.6625



68.4418, 66.1741, 54.6716

Triad

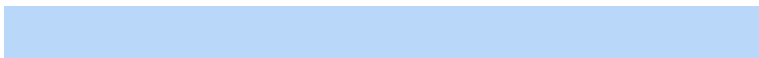
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2245, 66.1741, 63.6625



56.4920, 66.1741, 57.6922



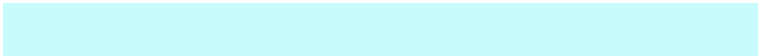
61.5559, 66.1741, 99.0313

Complementary

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



71.2245, 66.1741, 63.6625



76.1998, 88.9262, 105.2444

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.



57.6591, 66.1741, 92.7741



71.2245, 66.1741, 63.6625



54.8274, 66.1741, 68.2541

Square

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



71.2245, 66.1741, 63.6625



59.8944, 66.1741, 51.5173



55.2444, 66.1741, 81.1487



65.9973, 66.1741, 97.4265

Rectangle

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



71.2245, 66.1741, 63.6625



65.7336, 66.1741, 51.3045



55.2444, 66.1741, 81.1487



60.1422, 66.1741, 97.7528

Sweetspot

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



71.2263, 66.1771, 63.6639



87.9959, 89.6779, 94.8763



78.3705, 69.0331, 101.2902



18.6778, 18.9651, 19.9954



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.



71.2263, 66.1771, 63.6639



69.3581, 62.4058, 57.8245



77.7673, 79.2591, 65.8442



17.2448, 17.2255, 17.8783



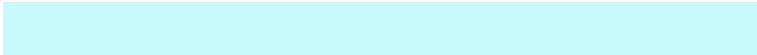
20.9121, 10.7809, 0.9787



1.9369, 0.9986, 0.0907

Inverse Universe

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



76.1998, 88.9262, 105.2444



75.3570, 89.8452, 107.9779



68.5872, 73.7012, 102.7069



17.7658, 19.6084, 22.2337



27.2823, 39.9201, 54.2410



2.5269, 3.6974, 5.0237

Previews

White Background



This preview shows how the XYZ color 71.2245, 66.1741, 63.6625 looks on a white background.

Color Contrast Check

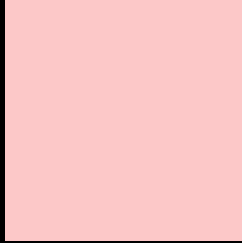
Large Text (above 18pt) WCAG AA × Fail

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 71.2245, 66.1741, 63.6625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

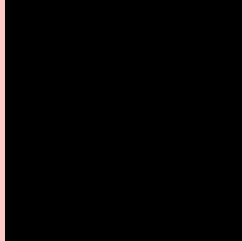
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2245, 66.1741, 63.6625

Background



This preview shows how black text looks on a background with the XYZ color 71.2245, 66.1741, 63.6625.



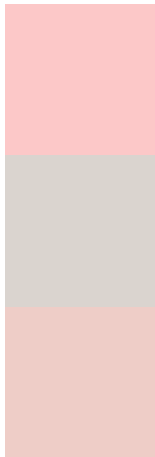
This preview shows how white text looks on a background with the XYZ color 71.2245, 66.1741,

63.6625.

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

71.2245, 66.1741, 63.6625

Protanopia

63.7194, 66.4974, 68.5084

Deuteranopia

67.4000, 65.9633, 63.2127



Tritanopia

73.0774, 66.2631, 71.8893

Trichromacy



Original Color

71.2245, 66.1741, 63.6625

Protanomaly

66.0881, 66.2944, 66.4396

Deuteranomaly

68.6269, 65.8901, 63.1339

Tritanomaly

72.3166, 66.2836, 68.6570

Monochromacy



Original Color

71.2245, 66.1741, 63.6625

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.9926, 67.4043, 70.4522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2245, 66.1741, 63.6625 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(252, 200, 200)` looks like.

```
.text, #text, p{  
    color:rgb(252, 200, 200)  
}
```

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(252, 200, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 200, 200) }
```

Border

The CSS property to change the border of an element to XYZ 71.2245, 66.1741, 63.6625 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(252, 200, 200) }
```


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

```
.border{ border-color:rgb(252, 200, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 200, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 200, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 200, 200);  
box-shadow:4px 4px 4px 4px rgb(252, 200,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2245, 66.1741, 63.6625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 200, 200) }
```

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

```
.background{ background-color: rgb(252,  
200, 200) }
```

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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