

Converting Colors

XYZ(71.4306, 62.5293, 76.5093)

Have a look what the booklet for
XYZ(71.4306, 62.5293, 76.5093)
contains.

XYZ(71.6095, 62.7428, 76.7430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.6095, 62.7428,
76.7430)**

Conversions

Conversions Part 1

Format	Color
Hex	FCBEDD
RGB	252, 190, 221
RGB Percent	99%, 75%, 87%
CMY	0.0118, 0.2549, 0.1333
CMYK	0.00, 0.25, 0.12, 0.01
HSL	330°, 91%, 87%
HSV	330°, 25%, 99%
XYZ	71.6095, 62.7428, 76.7430
YIQ	212.0720, 27.0010, 22.7850

Conversions

Conversions Part 2

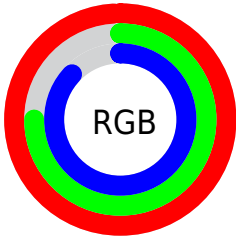
Format	Color
R _Y B	252, 190, 221
Decimal	16563933
CIE Lab	83.31, 26.92, -6.77
CIE LCh	83, 27.759, 345.887
Yxy	62.7428, 0.3392, 0.2972
Android (android.graphics.Color)	4294754013 (0xFFFCBEDD)
YUV	212.0720, 4.4015, 35.0169
Hunter-Lab	79.2104, 22.7534, -1.9959

Details

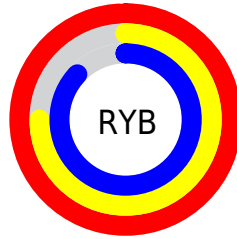
The XYZ color **71.6095, 62.7428, 76.7430** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.0993, 85.7901, 81.3278**, and the grayscale version is **62.5878, 65.8472, 71.7076**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **38.1928, 31.9636, 40.2330** is the 20% darker color. If you saturate the color by 10%, you get **64.9999, 52.1097, 66.5654**, and if you desaturate by 10%, it is **79.2924, 75.3192, 87.9015**.

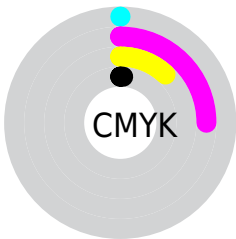
Distribution



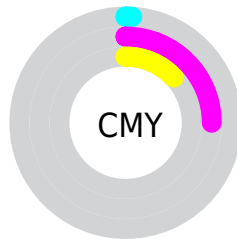
- Red (99%)
- Green (75%)
- Blue (87%)



- Red (99%)
- Yellow (75%)
- Blue (87%)



- Cyan (0%)
- Magenta (25%)
- Yellow (12%)
- Black (1%)




- Cyan (1%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6095, 62.7428, 76.7430 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 71.6095, 62.7428, 76.7430 by changing the saturation by 10% instead.


 71.6095, 62.7428,
76.7430

 71.6095, 62.7428,
76.7430


455.3600,
434.6355, 503.3017

 53.1241, 45.6332,
56.5317


 120.5150,
108.7984, 130.5463

 38.1297, 31.9564,
40.2225

151.6658,
138.5131, 164.9754

 26.2610, 21.3282,
27.3970


187.7690,
173.1983, 204.9808

 17.1527, 13.3641,
17.6365

229.1901,
213.2384, 250.9811

 10.4394, 7.6798,
10.5226

276.2944,
259.0178, 303.3948

 5.7558, 3.8907,
5.6367

329.4472,

 2.7364, 1.6126,

310.9208, 362.6404

2.5603

389.0140,
369.3319, 429.1366

■ 1.0159, 0.3661,
0.8718

■ 0.0000, 0.0000,
0.0000

■ 71.6095, 62.7428,
76.7430

■ 71.6095, 62.7428,
76.7430

■ 64.9999, 52.1097,
66.5654

■ 79.2924, 75.3192,
87.9015

■ 59.4068, 43.3132,
57.3341

■ 88.0908, 89.9215,
100.0661

■ 54.7764, 36.2491,
49.0179

■ 93.9553, 99.4356,
108.8488

■ 51.0471, 30.7996,
41.5817

■ 48.1502, 26.8315,
34.9874

■ 46.0058, 24.1905,
29.1928

■ 44.5165, 22.6870,
24.1488

■ 43.9106, 22.2018,
21.7069

Harmonies

Analogous

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



68.3589, 62.7428, 94.1536



71.6095, 62.7428, 76.7430



71.5046, 62.7428, 59.6184

Triad

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



71.6095, 62.7428, 76.7430



56.5153, 62.7428, 41.0823



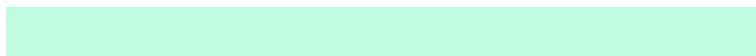
51.9183, 62.7428, 95.0569

Complementary

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



71.6095, 62.7428, 76.7430



69.0993, 85.7901, 81.3278

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.



49.1578, 62.7428, 77.8214



71.6095, 62.7428, 76.7430



51.6871, 62.7428, 47.6992

Square

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



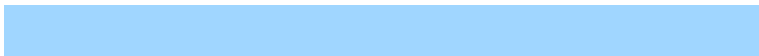
71.6095, 62.7428, 76.7430



62.5092, 62.7428, 40.8929



49.0761, 62.7428, 60.5301



56.8506, 62.7428, 105.8730

Rectangle

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



71.6095, 62.7428, 76.7430



69.5374, 62.7428, 50.6313



49.0761, 62.7428, 60.5301



50.7206, 62.7428, 89.7033

Sweetspot

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



71.6113, 62.7456, 76.7443



88.2136, 88.5737, 99.6957



65.8054, 59.2305, 100.0606



18.7610, 18.7582, 21.1743



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.



71.6113, 62.7456, 76.7443



69.7516, 58.2967, 73.0495



67.8549, 61.2431, 56.9633



17.6066, 17.3700, 19.7839



22.9477, 11.5948, 11.6992



2.1789, 1.0953, 1.3653

Inverse Universe

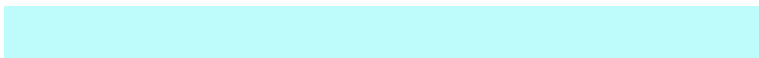
The Inverse Universe completely reimagines the original color for something new.



71.6113, 62.7456, 76.7443



69.7516, 58.2967, 73.0495



73.6183, 87.5977, 105.1243



17.6066, 17.3700, 19.7839



22.9477, 11.5948, 11.6992



2.1789, 1.0953, 1.3653

Previews

White Background



This preview shows how the XYZ color 71.6095, 62.7428, 76.7430 looks on a white background.

Color Contrast Check

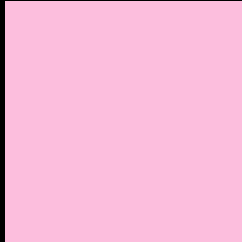
Large Text (above 18pt) WCAG AA × Fail

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 71.6095, 62.7428, 76.7430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

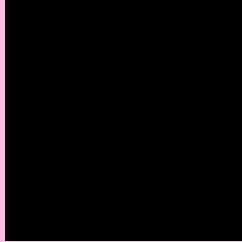
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6095, 62.7428, 76.7430

Background



This preview shows how black text looks on a background with the XYZ color 71.6095, 62.7428, 76.7430.



This preview shows how white text looks on a background with the XYZ color 71.6095, 62.7428,

76.7430.

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

71.6095, 62.7428, 76.7430

Protanopia

61.6719, 62.8913, 84.4901

Deuteranopia

64.3381, 63.0435, 75.7955



Tritanopia

69.5365, 62.5283, 67.4357

Trichromacy



Original Color

71.6095, 62.7428, 76.7430



Protanomaly

64.6436, 62.3842, 81.3073



Deuteranomaly

67.0440, 63.0479, 76.3460



Tritanomaly

70.2981, 62.5243, 70.6506

Monochromacy



Original Color

71.6095, 62.7428, 76.7430



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

65.5372, 64.4229, 73.2707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6095, 62.7428, 76.7430 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, 190, 221)` looks like.

```
.text, #text, p{  
    color:rgb(252, 190, 221)  
}
```

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, 190, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 190, 221) }
```

Border

The CSS property to change the border of an element to XYZ 71.6095, 62.7428, 76.7430 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, 190, 221) }
```


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

```
.border{ border-color:rgb(252, 190, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 190, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 190, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 190, 221);  
box-shadow:4px 4px 4px 4px rgb(252, 190,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6095, 62.7428, 76.7430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 190, 221) }
```

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

```
.background{ background-color: rgb(252,  
190, 221) }
```

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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