

Converting Colors

XYZ(70.0291, 63.1579, 81.3412)

Have a look what the booklet for
XYZ(70.0291, 63.1579, 81.3412)
contains.

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Color

**XYZ(70.1191, 63.1843,
81.1732)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C2E3
RGB	243, 194, 227
RGB Percent	95%, 76%, 89%
CMY	0.0471, 0.2392, 0.1098
CMYK	0.00, 0.20, 0.07, 0.05
HSL	320°, 67%, 86%
HSV	320°, 20%, 95%
XYZ	70.1191, 63.1843, 81.1732
YIQ	212.4130, 18.6110, 20.6510

Conversions

Conversions Part 2

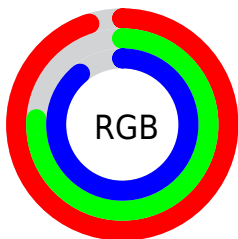
Format	Color
R _Y B	243, 194, 227
Decimal	15975139
CIE Lab	83.54, 22.74, -9.73
CIE LCh	84, 24.735, 336.837
Yxy	63.1843, 0.3269, 0.2946
Android (android.graphics.Color)	4294165219 (0xFFFF3C2E3)
YUV	212.4130, 7.1914, 26.8248
Hunter-Lab	79.4886, 18.3549, -4.9046

Details

The XYZ color **70.1191, 63.1843, 81.1732** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.9341, 80.2255, 72.9864**, and the grayscale version is **62.8006, 66.0711, 71.9514**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **37.0742, 32.1738, 43.2859** is the 20% darker color. If you saturate the color by 10%, you get **64.0770, 52.8120, 73.8798**, and if you desaturate by 10%, it is **77.0996, 75.3509, 89.0300**.

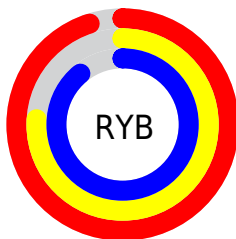
Distribution



Red (95%)

Green (76%)

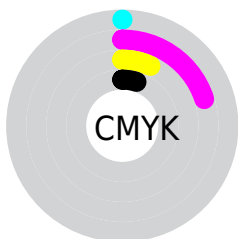
Blue (89%)



Red (95%)

Yellow (76%)

Blue (89%)

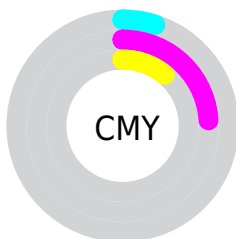


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (5%)



Cyan (5%)


Magenta (24%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.1191, 63.1843, 81.1732 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 70.1191, 63.1843, 81.1732 by changing the saturation by 10% instead.


 70.1191, 63.1843,
81.1732

 70.1191, 63.1843,
81.1732


450.2280,
436.2380, 518.6885

 51.9036, 45.9903,
60.1524


 118.4039,
109.4354, 136.8402

 37.1522, 32.2382,
43.1154

149.2039,
139.2612, 172.3235

 25.4996, 21.5435,
29.6436


184.9295,
174.0665, 213.4647

 16.5803, 13.5219,
19.3185

225.9460,
214.2356, 260.6824

 10.0292, 7.7889,
11.7215

272.6187,
260.1529, 314.3951

 5.4807, 3.9601,
6.4341

325.3130,

 2.5696, 1.6513,

312.2028, 375.0213

3.0378

384.3943,
370.7697, 442.9796

0.9305, 0.3918,
1.1140

0.0000, 0.0000,
0.0000

70.1191, 63.1843,
81.1732

70.1191, 63.1843,
81.1732

64.0770, 52.8120,
73.8798

77.0996, 75.3509,
89.0300

58.9243, 44.1395,
67.1279

85.0537, 89.3838,
97.4629

54.6155, 37.0763,
60.8997

90.1049, 97.5278,
105.1836

51.0990, 31.5202,
55.1745

90.7726, 97.7949,
108.6998

■ 48.3171, 27.3570,
49.9296

■ 46.2040, 24.4560,
45.1394

■ 44.6813, 22.6619,
40.7741

■ 43.6316, 21.7225,
36.8482

Harmonies

Analogous

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



66.4997, 63.1843, 95.4557



70.1191, 63.1843, 81.1732



70.9689, 63.1843, 65.3161

Triad

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



70.1191, 63.1843, 81.1732



58.8267, 63.1843, 43.2872



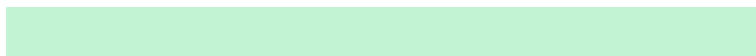
52.1197, 63.1843, 88.2165

Complementary

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



70.1191, 63.1843, 81.1732



65.9341, 80.2255, 72.9864

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.



50.3212, 63.1843, 72.3994



70.1191, 63.1843, 81.1732



54.0404, 63.1843, 47.6305

Square

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



70.1191, 63.1843, 81.1732



64.2336, 63.1843, 44.9124



51.0027, 63.1843, 57.7473



56.0613, 63.1843, 99.9292

Rectangle

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



70.1191, 63.1843, 81.1732



69.8075, 63.1843, 56.2227



51.0027, 63.1843, 57.7473



51.2556, 63.1843, 83.1188

Sweetspot

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



70.1210, 63.1871, 81.1745



89.5677, 90.3060, 103.1555



61.9130, 58.6886, 92.8600



19.0486, 19.1133, 21.9487



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.



70.1210, 63.1871, 81.1745



75.4848, 65.7536, 87.3215



67.0337, 61.9522, 64.9174



16.9700, 16.6709, 19.5887



24.0109, 11.9478, 20.5638



2.1575, 1.0689, 2.0556

Inverse Universe

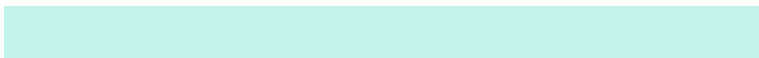
The Inverse Universe completely reimagines the original color for something new.



70.1210, 63.1871, 81.1745



75.4848, 65.7536, 87.3215



69.1546, 81.5137, 89.9450



16.9700, 16.6709, 19.5887



24.0109, 11.9478, 20.5638



2.1575, 1.0689, 2.0556

Previews

White Background



This preview shows how the XYZ color 70.1191, 63.1843, 81.1732 looks on a white background.

Color Contrast Check

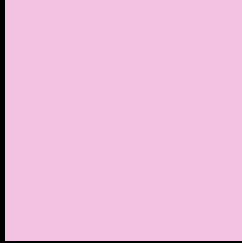
Large Text (above 18pt) WCAG AA × Fail

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 70.1191, 63.1843, 81.1732 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 70.1191, 63.1843, 81.1732

Background



This preview shows how black text looks on a background with the XYZ color 70.1191, 63.1843, 81.1732.



This preview shows how white text looks on a background with the XYZ color 70.1191, 63.1843,

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

70.1191, 63.1843, 81.1732

Protanopia

62.2101, 63.4612, 87.5677

Deuteranopia

64.7653, 63.5203, 80.0813



Tritanopia

68.1255, 63.3867, 70.9316

Trichromacy



Original Color

70.1191, 63.1843, 81.1732

Protanomaly

64.5995, 62.9727, 85.0941

Deuteranomaly

66.6948, 63.4576, 80.6848

Tritanomaly

68.8823, 63.3669, 74.2462

Monochromacy



Original Color

70.1191, 63.1843, 81.1732

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.7871, 64.3604, 74.6538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1191, 63.1843, 81.1732 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(243, 194, 227)` looks like.

```
.text, #text, p{  
    color:rgb(243, 194, 227)  
}
```

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(243, 194, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 194, 227) }
```

Border

The CSS property to change the border of an element to XYZ 70.1191, 63.1843, 81.1732 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(243, 194, 227) }
```


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

```
.border{ border-color:rgb(243, 194, 227) }
```

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

Here you see how a box with a 4 pixel rgb(243, 194, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 194, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 194, 227);  
box-shadow:4px 4px 4px 4px rgb(243, 194,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1191, 63.1843, 81.1732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 194, 227) }
```

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

```
.background{ background-color: rgb(243,  
194, 227) }
```

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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