

Converting Colors

XYZ(80.5836, 75.3048, 91.0138)

Have a look what the booklet for
XYZ(80.5836, 75.3048, 91.0138)
contains.

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Color

**XYZ(80.7192, 75.5262,
91.2126)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6EE
RGB	255, 214, 238
RGB Percent	100%, 84%, 93%
CMY	0.0000, 0.1608, 0.0667
CMYK	0.00, 0.16, 0.07, 0.00
HSL	325°, 100%, 92%
HSV	325°, 16%, 100%
XYZ	80.7192, 75.5262, 91.2126
YIQ	228.9950, 16.7320, 16.1560

Conversions

Conversions Part 2

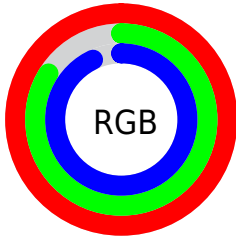
Format	Color
R _Y B	255, 214, 238
Decimal	16766702
CIE Lab	89.64, 18.16, -6.40
CIE LCh	90, 19.251, 340.581
Yxy	75.5262, 0.3262, 0.3052
Android (android.graphics.Color)	4294956782 (0xFFFFD6EE)
YUV	228.9950, 4.4395, 22.8064
Hunter-Lab	86.9058, 13.7079, -1.3942

Details

The XYZ color **80.7192, 75.5262, 91.2126** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.9177, 91.5868, 89.1760**, and the grayscale version is **74.4338, 78.3102, 85.2798**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.1303, 40.1794, 49.6855** is the 20% darker color. If you saturate the color by 10%, you get **73.2557, 63.0127, 81.2845**, and if you desaturate by 10%, it is **89.2875, 90.1028, 101.9612**.

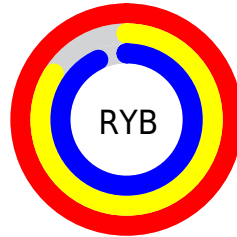
Distribution



Red (100%)

Green (84%)

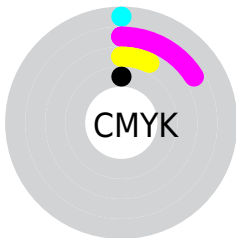
Blue (93%)



Red (100%)

Yellow (84%)

Blue (93%)

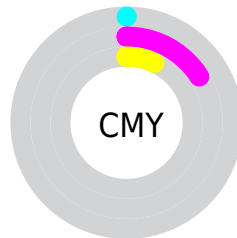


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.7192, 75.5262, 91.2126 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 80.7192, 75.5262, 91.2126 by changing the saturation by 10% instead.


 80.7192, 75.5262,
91.2126

 80.7192, 75.5262,
91.2126


486.0530,
479.7242, 552.6391

 60.6209, 56.0441,
68.4074


133.3216,
127.0569, 150.9718

 44.1706, 40.2383,
49.7605


166.5565,
159.8744, 188.7629

 31.0032, 27.7244,
34.8533


204.9008,
197.9057, 232.3865

 20.7531, 18.1180,
23.2672

248.7200,
241.5352, 282.2609

 13.0551, 11.0347,
14.5838

298.3795,
291.1475, 338.8049

 7.5437, 6.0902,
8.3845

354.2446,

 3.8537, 2.9000,

347.1268, 402.4369

4.2506

416.6806,
409.8576, 473.5754

■ 1.6197, 1.0798,
1.7638

■ 0.4052, 0.0000,
0.4039

■ 80.7192, 75.5262,
91.2126

■ 80.7192, 75.5262,
91.2126

■ 73.2557, 63.0127,
81.2845

■ 89.2875, 90.1028,
101.9612

■ 66.8436, 52.4587,
72.1485

95.0500, 100.0000,
108.9000

■ 61.4324, 43.7654,
63.7807

■ 56.9652, 36.8218,
56.1543

■ 53.3793, 31.5050,
49.2399

■ 50.6036, 27.6759,
43.0054

■ 48.5555, 25.1718,
37.4142

■ 47.1324, 23.7907,
32.4232

■ 46.6858, 23.4383,
30.6069

Harmonies

Analogous

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



77.8727, 75.5262, 103.6713



80.7192, 75.5262, 91.2126



81.1125, 75.5262, 77.5392

Triad

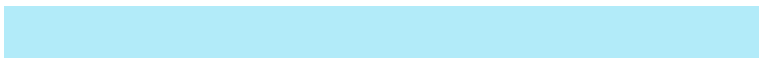
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.7192, 75.5262, 91.2126



70.1264, 75.5262, 59.1740



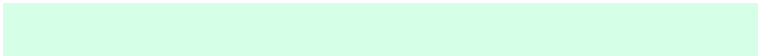
65.0901, 75.5262, 100.3911

Complementary

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



80.7192, 75.5262, 91.2126



77.9177, 91.5868, 89.1760

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.



63.2022, 75.5262, 87.1171



80.7192, 75.5262, 91.2126



66.0239, 75.5262, 63.9785

Square

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



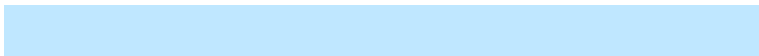
80.7192, 75.5262, 91.2126



74.8552, 75.5262, 60.0130



63.5363, 75.5262, 73.8671



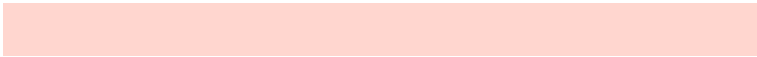
68.8007, 75.5262, 109.3602

Rectangle

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



80.7192, 75.5262, 91.2126



79.9125, 75.5262, 69.6695



63.5363, 75.5262, 73.8671



64.2288, 75.5262, 96.2276

Sweetspot

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



80.7209, 75.5293, 91.2142



90.2769, 91.7973, 103.1673



74.8609, 72.2060, 104.5993



19.1844, 19.4109, 21.9132



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.



80.7209, 75.5293, 91.2142



78.4263, 71.6608, 88.2273



77.9568, 74.4236, 76.6584



18.4554, 18.1655, 21.0152



24.4704, 12.2775, 16.3936



2.4370, 1.2172, 1.8828

Inverse Universe

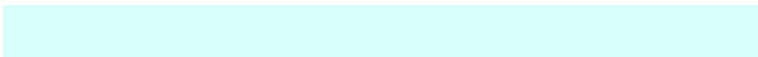
The Inverse Universe completely reimagines the original color for something new.



80.7209, 75.5293, 91.2142



78.4263, 71.6608, 88.2273



80.8902, 92.7758, 104.8288



18.4554, 18.1655, 21.0152



24.4704, 12.2775, 16.3936



2.4370, 1.2172, 1.8828

Previews

White Background



This preview shows how the XYZ color 80.7192, 75.5262, 91.2126 looks on a white background.

Color Contrast Check

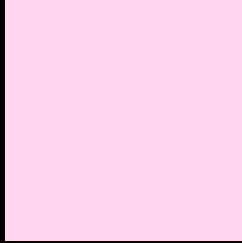
Large Text (above 18pt) WCAG AA × Fail

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 80.7192, 75.5262, 91.2126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

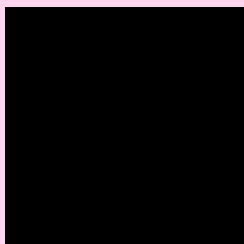
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.7192, 75.5262, 91.2126

Background



This preview shows how black text looks on a background with the XYZ color 80.7192, 75.5262, 91.2126.



This preview shows how white text looks on a background with the XYZ color 80.7192, 75.5262,

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

80.7192, 75.5262, 91.2126

Protanopia

73.7253, 75.6903, 96.3119

Deuteranopia

77.2355, 75.6547, 90.6528



Tritanopia

79.7390, 75.4979, 86.7138

Trichromacy



Original Color

80.7192, 75.5262, 91.2126

Protanomaly

75.8812, 75.2594, 94.5315

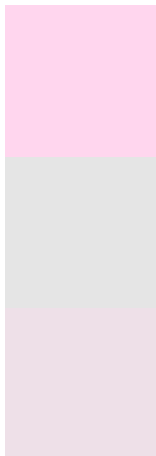
Deuteranomaly

78.4567, 75.5143, 90.5614

Tritanomaly

80.0248, 75.6122, 88.2188

Monochromacy



Original Color

80.7192, 75.5262, 91.2126

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.4810, 77.3146, 87.2362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.7192, 75.5262, 91.2126 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, 214, 238) looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 238)  
}
```

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, 214, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 238) }
```

Border

The CSS property to change the border of an element to XYZ 80.7192, 75.5262, 91.2126 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, 214, 238) }
```


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

```
.border{ border-color:rgb(255, 214, 238) }
```

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

Here you see how a box with a 4 pixel rgb(255, 214, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 80.7192, 75.5262, 91.2126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 238) }
```

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

```
.background{ background-color: rgb(255,  
214, 238) }
```

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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