

Converting Colors

XYZ(75.6327, 64.1372, 93.2660)

Have a look what the booklet for
XYZ(75.6327, 64.1372, 93.2660)
contains.

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Color

**XYZ(75.6153, 64.1263,
93.1863)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDF3
RGB	255, 189, 243
RGB Percent	100%, 74%, 95%
CMY	0.0000, 0.2588, 0.0471
CMYK	0.00, 0.26, 0.05, 0.00
HSL	311°, 100%, 87%
HSV	311°, 26%, 100%
XYZ	75.6153, 64.1263, 93.1863
YIQ	214.8900, 22.0020, 30.7860

Conversions

Conversions Part 2

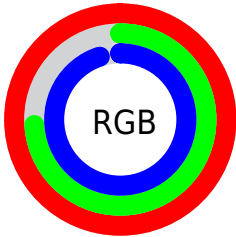
Format	Color
R _Y B	255, 189, 243
Decimal	16760307
CIE Lab	84.03, 32.13, -17.42
CIE LCh	84, 36.546, 331.535
Yxy	64.1263, 0.3246, 0.2753
Android (android.graphics.Color)	4294950387 (0xFFFFBDF3)
YUV	214.8900, 13.8582, 35.1765
Hunter-Lab	80.0789, 28.4123, -12.9394

Details

The XYZ color **75.6153, 64.1263, 93.1863** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.2909, 86.5568, 68.4218**, and the grayscale version is **64.4171, 67.7718, 73.8035**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **40.9223, 32.9216, 51.2114** is the 20% darker color. If you saturate the color by 10%, you get **69.9135, 53.8289, 87.8754**, and if you desaturate by 10%, it is **82.3019, 76.3644, 98.9144**.

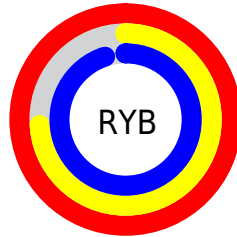
Distribution



Red (100%)

Green (74%)

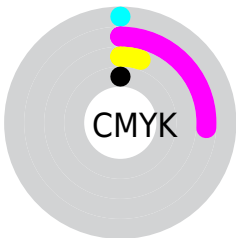
Blue (95%)



Red (100%)

Yellow (74%)

Blue (95%)

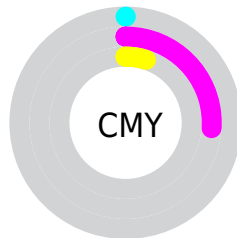


Cyan (0%)

Magenta (26%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6153, 64.1263, 93.1863 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 75.6153, 64.1263, 93.1863 by changing the saturation by 10% instead.


 75.6153, 64.1263,
93.1863

 75.6153, 64.1263,
93.1863

468.9944,
439.6456, 559.1775

 56.4131, 46.7530,
70.0378


 126.1662,
110.7928, 153.7305

 40.7725, 32.8404,
51.0804

158.2456,
140.8548, 191.9632

 28.3282, 22.0042,
35.8954


195.3481,
175.9151, 236.0612

 18.7150, 13.8600,
24.0644

237.8390,
216.3581, 286.4428

 11.5673, 8.0234,
15.1687

286.0838,
262.5683, 343.5268

 6.5198, 4.1099,
8.7900

340.4477,

 3.2073, 1.7352,

314.9300, 407.7315

4.5095

401.2961,
373.8277, 479.4755

■ 1.2643, 0.4463,
1.9088

■ 0.1563, 0.0000,
0.4983

■ 75.6153, 64.1263,
93.1863

■ 75.6153, 64.1263,
93.1863

■ 69.9135, 53.8289,
87.8754

■ 82.3019, 76.3644,
98.9144

■ 65.1416, 45.3636,
82.9603

■ 90.0159, 90.6293,
105.0720

■ 61.2459, 38.6226,
78.4232

95.0500, 100.0000,
108.9000

■ 58.1651, 33.4839,
74.2430

■ 55.8303, 29.8095,
70.3962

■ 54.1604, 27.4378,
66.8550

■ 53.0552, 26.1686,
63.5854

■ 52.7037, 25.8455,
62.2970

Harmonies

Analogous

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



69.4208, 64.1263, 114.8975



75.6153, 64.1263, 93.1863



77.7926, 64.1263, 68.6402

Triad

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



75.6153, 64.1263, 93.1863



60.5358, 64.1263, 34.1875



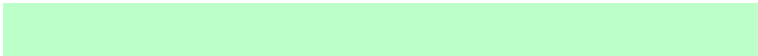
48.6719, 64.1263, 95.7055

Complementary

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



75.6153, 64.1263, 93.1863



67.2909, 86.5568, 68.4218

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.



46.7330, 64.1263, 71.0186



75.6153, 64.1263, 93.1863



53.1982, 64.1263, 38.4128

Square

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



75.6153, 64.1263, 93.1863



68.6393, 64.1263, 37.6198



48.3154, 64.1263, 50.7321



53.8577, 64.1263, 116.5630

Rectangle

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



75.6153, 64.1263, 93.1863



76.5330, 64.1263, 54.7641



48.3154, 64.1263, 50.7321



47.6405, 64.1263, 87.4158

Sweetspot

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



75.6167, 64.1289, 93.1876



88.2924, 87.4313, 103.7298



60.0696, 55.8978, 102.2311



18.6426, 18.2404, 22.0012



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.



75.6167, 64.1289, 93.1876



72.5771, 58.6197, 90.4171



71.1972, 62.3611, 69.9150



18.6426, 18.2404, 22.0012



27.5901, 13.5253, 32.8214



2.7216, 1.3310, 3.3811

Inverse Universe

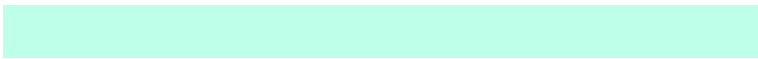
The Inverse Universe completely reimagines the original color for something new.



75.6167, 64.1289, 93.1876



72.5771, 58.6197, 90.4171



71.4560, 88.2229, 90.3549



18.6426, 18.2404, 22.0012



27.5901, 13.5253, 32.8214



2.7216, 1.3310, 3.3811

Previews

White Background



This preview shows how the XYZ color 75.6153, 64.1263, 93.1863 looks on a white background.

Color Contrast Check

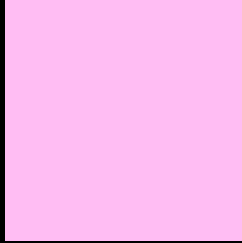
Large Text (above 18pt) WCAG AA × Fail

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 75.6153, 64.1263, 93.1863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

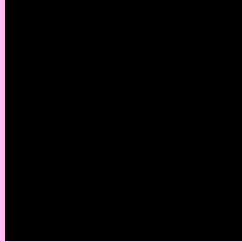
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6153, 64.1263, 93.1863

Background



This preview shows how black text looks on a background with the XYZ color 75.6153, 64.1263, 93.1863.



This preview shows how white text looks on a background with the XYZ color 75.6153, 64.1263,

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

75.6153, 64.1263, 93.1863

Protanopia

64.1591, 64.4739, 103.6709

Deuteranopia

65.8784, 64.5528, 91.4259



Tritanopia

70.9316, 64.1926, 69.6247

Trichromacy



Original Color

75.6153, 64.1263, 93.1863



Protanomaly

67.5126, 63.7984, 100.0228



Deuteranomaly

68.9337, 64.0207, 91.9431



Tritanomaly

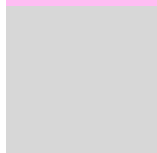
72.3997, 64.1093, 77.6657

Monochromacy



Original Color

75.6153, 64.1263, 93.1863



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

68.2950, 66.4019, 80.4515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6153, 64.1263, 93.1863 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, 189, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 243)  
}
```

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, 189, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 243) }
```

Border

The CSS property to change the border of an element to XYZ 75.6153, 64.1263, 93.1863 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, 189, 243) }
```


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

```
.border{ border-color:rgb(255, 189, 243) }
```

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

Here you see how a box with a 4 pixel rgb(255, 189, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6153, 64.1263, 93.1863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 243) }
```

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

```
.background{ background-color: rgb(255,  
189, 243) }
```

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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