

Converting Colors

XYZ(169.0411, 113.4965,
79.8296)

Have a look what the booklet for
XYZ(169.0411, 113.4965, 79.8296)
contains.

XYZ(72.8758, 64.0737, 75.5443)	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(72.8758, 64.0737,
75.5443)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0DB
RGB	255, 192, 219
RGB Percent	100%, 75%, 86%
CMY	0.0000, 0.2470, 0.1412
CMYK	0.00, 0.25, 0.14, 0.00
HSL	334°, 100%, 88%
HSV	334°, 25%, 100%
XYZ	72.8758, 64.0737, 75.5443
YIQ	213.9150, 28.8810, 21.7530

Conversions

Conversions Part 2

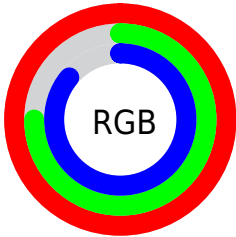
Format	Color
R _Y B	255, 192, 219
Decimal	16761051
CIE Lab	84.00, 26.58, -4.64
CIE LCh	84, 26.983, 350.109
Yxy	64.0737, 0.3430, 0.3015
Android (android.graphics.Color)	4294951131 (0xFFFFC0DB)
YUV	213.9150, 2.5069, 36.0315
Hunter-Lab	80.0460, 22.4300, 0.0767

Details

The XYZ color **72.8758, 64.0737, 75.5443** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.5040, 88.3289, 86.6828**, and the grayscale version is **63.8308, 67.1549, 73.1317**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **39.0780, 32.8631, 39.4055** is the 20% darker color. If you saturate the color by 10%, you get **65.9190, 53.0970, 64.1713**, and if you desaturate by 10%, it is **80.9735, 77.0630, 88.1279**.

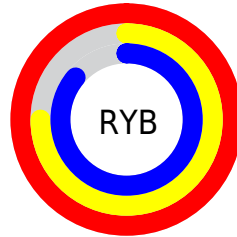
Distribution



Red (100%)

Green (75%)

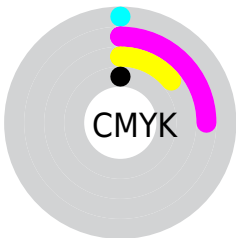
Blue (86%)



Red (100%)

Yellow (75%)

Blue (86%)

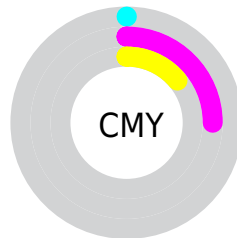


Cyan (0%)

Magenta (25%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8758, 64.0737, 75.5443 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 72.8758, 64.0737, 75.5443 by changing the saturation by 10% instead.

 72.8758, 64.0737,
75.5443

 72.8758, 64.0737,
75.5443


459.6947,
439.4557, 499.0916

 54.1624, 46.7104,
55.5545


 122.3050,
110.7171, 128.8367

 38.9627, 32.8067,
39.4443

153.7515,
140.7659, 162.9764

 26.9113, 21.9784,
26.7950


190.1730,
175.8120, 202.6698

 17.6429, 13.8411,
17.1883

231.9351,
216.2398, 248.3355

 10.7920, 8.0102,
10.2054

279.4029,
262.4337, 300.3920

 5.9934, 4.1015,
5.4280

332.9419,

 2.8817, 1.7305,

314.7780, 359.2578

2.4374

392.9173,
373.6573, 425.3515

■ 1.0915, 0.4433,
0.8067

■ 0.0180, 0.0000,
0.0000

■ 72.8758, 64.0737,
75.5443

■ 72.8758, 64.0737,
75.5443

■ 65.9190, 53.0970,
64.1713

■ 80.9735, 77.0630,
88.1279

■ 60.0443, 44.0229,
53.9657

■ 90.2583, 92.1511,
101.9554

■ 55.1944, 36.7435,
44.8871

95.0500, 100.0000,
108.9000

■ 51.3043, 31.1364,
36.8911

■ 48.3012, 27.0638,
29.9292

■ 46.1010, 24.3656,
23.9481

■ 44.6011, 22.8452,
18.8869

■ 44.0153, 22.3701,
16.5443

Harmonies

Analogous

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



70.1032, 64.0737, 92.9501



72.8758, 64.0737, 75.5443



72.2832, 64.0737, 59.0996

Triad

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



72.8758, 64.0737, 75.5443



57.0522, 64.0737, 43.3069



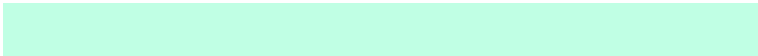
53.8560, 64.0737, 98.0343

Complementary

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



72.8758, 64.0737, 75.5443



71.5040, 88.3289, 86.6828

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.



50.7796, 64.0737, 81.6429



72.8758, 64.0737, 75.5443



52.5399, 64.0737, 50.7972

Square

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



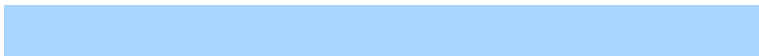
72.8758, 64.0737, 75.5443



62.8859, 64.0737, 42.2175



50.3140, 64.0737, 64.2889



58.9566, 64.0737, 107.2622

Rectangle

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



72.8758, 64.0737, 75.5443



70.0726, 64.0737, 50.7201



50.3140, 64.0737, 64.2889



52.5652, 64.0737, 93.0655

Sweetspot

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



72.8773, 64.0764, 75.5456



88.0184, 88.4956, 98.6680



68.8016, 61.3673, 102.8266



18.7159, 18.7401, 20.9365



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.



72.8773, 64.0764, 75.5456



69.0535, 58.0175, 69.3732



70.5414, 64.6387, 58.6312



18.3325, 18.1163, 20.3680



23.0702, 11.7174, 9.0199



2.2997, 1.1622, 1.1595

Inverse Universe

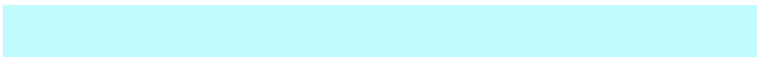
The Inverse Universe completely reimagines the original color for something new.



72.8773, 64.0764, 75.5456



69.0535, 58.0175, 69.3732



74.2246, 87.2970, 107.5457



18.3325, 18.1163, 20.3680



23.0702, 11.7174, 9.0199



2.2997, 1.1622, 1.1595

Previews

White Background



This preview shows how the XYZ color 72.8758, 64.0737, 75.5443 looks on a white background.

Color Contrast Check

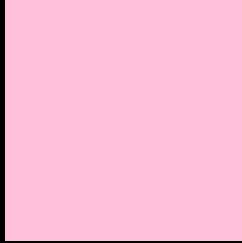
Large Text (above 18pt) WCAG AA × Fail

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 72.8758, 64.0737, 75.5443 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 72.8758, 64.0737, 75.5443

Background



This preview shows how black text looks on a background with the XYZ color 72.8758, 64.0737, 75.5443.



This preview shows how white text looks on a background with the XYZ color 72.8758, 64.0737,

75.5443.

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

72.8758, 64.0737, 75.5443

Protanopia

62.7112, 64.1788, 83.2113

Deuteranopia

65.5589, 64.0525, 74.5537



Tritanopia

71.6735, 64.2579, 68.9470

Trichromacy



Original Color

72.8758, 64.0737, 75.5443



Protanomaly

65.7625, 63.6849, 80.0605



Deuteranomaly

68.0034, 63.9133, 75.0820



Tritanomaly

71.9533, 64.0149, 71.5145

Monochromacy



Original Color

72.8758, 64.0737, 75.5443



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

66.7791, 65.7585, 74.1388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8758, 64.0737, 75.5443 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, 192, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 219)  
}
```

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, 192, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 219) }
```

Border

The CSS property to change the border of an element to XYZ 72.8758, 64.0737, 75.5443 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, 192, 219) }
```


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

```
.border{ border-color:rgb(255, 192, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8758, 64.0737, 75.5443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 219) }
```

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

```
.background{ background-color: rgb(255,  
192, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor