

Converting Colors

XYZ(73.0927, 65.1989, 76.0157)

Have a look what the booklet for
XYZ(73.0927, 65.1989, 76.0157)
contains.

XYZ(73.1743, 65.2155, 75.7490)	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(73.1743, 65.2155,
75.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC3DB
RGB	254, 195, 219
RGB Percent	100%, 76%, 86%
CMY	0.0039, 0.2353, 0.1412
CMYK	0.00, 0.23, 0.14, 0.00
HSL	336°, 97%, 88%
HSV	336°, 23%, 100%
XYZ	73.1743, 65.2155, 75.7490
YIQ	215.3770, 27.4600, 19.9720

Conversions

Conversions Part 2

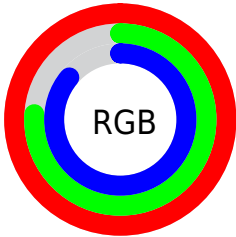
Format	Color
RYB	254, 195, 219
Decimal	16696283
CIELab	84.59, 24.66, -3.78
CIELCh	85, 24.948, 351.293
Yxy	65.2155, 0.3417, 0.3045
Android (android.graphics.Color)	4294886363 (0xFFFE C3DB)
YUV	215.3770, 1.7861, 33.8724
Hunter-Lab	80.7561, 20.4183, 0.9154

Details

The XYZ color **73.1743, 65.2155, 75.7490** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.2330, 88.2005, 88.0843**, and the grayscale version is **64.8236, 68.1994, 74.2692**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **39.2517, 33.6004, 39.5387** is the 20% darker color. If you saturate the color by 10%, you get **66.0653, 54.0293, 64.0309**, and if you desaturate by 10%, it is **81.4347, 78.4154, 88.7385**.

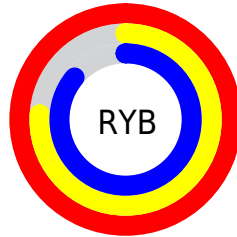
Distribution



Red (100%)

Green (76%)

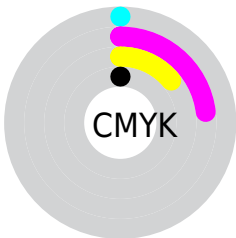
Blue (86%)



Red (100%)

Yellow (76%)

Blue (86%)

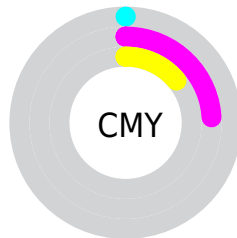


Cyan (0%)

Magenta (23%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.1743, 65.2155, 75.7490 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 73.1743, 65.2155, 75.7490 by changing the saturation by 10% instead.


 73.1743, 65.2155,
75.7490

 73.1743, 65.2155,
75.7490


460.7131,
443.5660, 499.8120

 54.4074, 47.6358,
55.7213


 122.7264,
112.3596, 129.1289

 39.1594, 33.5386,
39.5770

154.2423,
142.6929, 163.3181

 27.0650, 22.5394,
26.8976


190.7386,
178.0461, 203.0650

 17.7589, 14.2537,
17.2646

232.5806,
218.8037, 248.7879

 10.8757, 8.2974,
10.2594

280.1337,
265.3502, 300.9056

 6.0500, 4.2858,
5.4634

333.7633,

 2.9164, 1.8347,

318.0697, 359.8365

2.4582

393.8346,
377.3469, 425.9991

■ 1.1097, 0.5087,
0.8179

■ 0.0332, 0.0000,
0.0000

■ 73.1743, 65.2155,
75.7490

■ 73.1743, 65.2155,
75.7490

■ 66.0653, 54.0293,
64.0309

■ 81.4347, 78.4154,
88.7385

■ 60.0483, 44.7481,
53.5388

■ 90.8908, 93.7129,
103.0344

■ 55.0670, 37.2664,
44.2302

94.6833, 99.8110,
108.8828

■ 51.0576, 31.4648,
36.0584

■ 47.9486, 27.2090,
28.9728

■ 45.6580, 24.3442,
22.9179

■ 44.0869, 22.6823,
17.8308

■ 43.3372, 22.0565,
14.8872

Harmonies

Analogous

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



70.7151, 65.2155, 91.9455



73.1743, 65.2155, 75.7490



72.4983, 65.2155, 60.4524

Triad

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



73.1743, 65.2155, 75.7490



58.1807, 65.2155, 46.1137



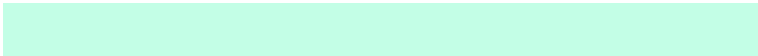
55.5325, 65.2155, 97.7047

Complementary

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



73.1743, 65.2155, 75.7490



72.2330, 88.2005, 88.0843

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.



52.5413, 65.2155, 82.7272



73.1743, 65.2155, 75.7490



54.0054, 65.2155, 53.5188

Square

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



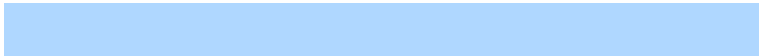
73.1743, 65.2155, 75.7490



63.6192, 65.2155, 44.8222



51.9994, 65.2155, 66.4702



60.3798, 65.2155, 105.8083

Rectangle

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



73.1743, 65.2155, 75.7490



70.3768, 65.2155, 52.6463



51.9994, 65.2155, 66.4702



54.2890, 65.2155, 93.2098

Sweetspot

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



73.1762, 65.2185, 75.7504



87.9591, 88.4719, 98.3557



69.8532, 62.9159, 102.2289



18.7021, 18.7346, 20.8642



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.



73.1762, 65.2185, 75.7504



70.2622, 60.1609, 70.6211



71.3606, 66.2839, 60.6663



18.3156, 18.1095, 20.2791



22.9164, 11.6558, 8.2099



2.2838, 1.1559, 1.0759

Inverse Universe

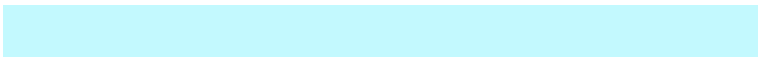
The Inverse Universe completely reimagines the original color for something new.



73.1762, 65.2185, 75.7504



70.2622, 60.1609, 70.6211



74.2986, 86.5624, 106.5589



18.3156, 18.1095, 20.2791



22.9164, 11.6558, 8.2099



2.2838, 1.1559, 1.0759

Previews

White Background



This preview shows how the XYZ color 73.1743, 65.2155, 75.7490 looks on a white background.

Color Contrast Check

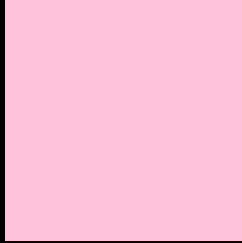
Large Text (above 18pt) WCAG AA × Fail

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 73.1743, 65.2155, 75.7490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

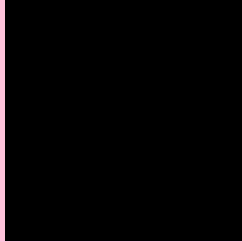
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1743, 65.2155, 75.7490

Background



This preview shows how black text looks on a background with the XYZ color 73.1743, 65.2155, 75.7490.



This preview shows how white text looks on a background with the XYZ color 73.1743, 65.2155,

75.7490.

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

73.1743, 65.2155, 75.7490

Protanopia

63.6285, 65.3963, 82.6679

Deuteranopia

66.6688, 65.3304, 74.7418



Tritanopia

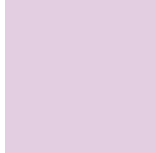
72.0058, 65.0657, 70.3918

Trichromacy



Original Color

73.1743, 65.2155, 75.7490



Protanomaly

66.7860, 65.2676, 80.3121



Deuteranomaly

68.8014, 65.0124, 75.2521



Tritanomaly

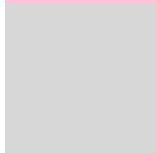
72.3855, 65.2175, 72.3914

Monochromacy



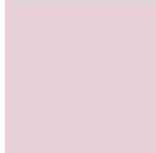
Original Color

73.1743, 65.2155, 75.7490



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

67.2636, 66.7276, 74.3003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1743, 65.2155, 75.7490 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(254, 195, 219)` looks like.

```
.text, #text, p{  
    color:rgb(254, 195, 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(254, 195, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 195, 219) }
```

Border

The CSS property to change the border of an element to XYZ 73.1743, 65.2155, 75.7490 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(254, 195, 219) }
```


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

```
.border{ border-color:rgb(254, 195, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 195, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 195, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 195, 219); box-shadow:4px 4px 4px 4px rgb(254, 195, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1743, 65.2155, 75.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 195, 219) }
```

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

```
.background{ background-color: rgb(254,  
195, 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