

Converting Colors

XYZ(73.4100, 74.6013, 60.5750)

Have a look what the booklet for
XYZ(73.4100, 74.6013, 60.5750)
contains.

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Color

**XYZ(73.4654, 74.7663,
60.4285)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DCC0
RGB	247, 220, 192
RGB Percent	97%, 86%, 75%
CMY	0.0314, 0.1372, 0.2471
CMYK	0.00, 0.11, 0.22, 0.03
HSL	31°, 77%, 86%
HSV	31°, 22%, 97%
XYZ	73.4654, 74.7663, 60.4285
YIQ	224.8810, 25.0800, -2.9840

Conversions

Conversions Part 2

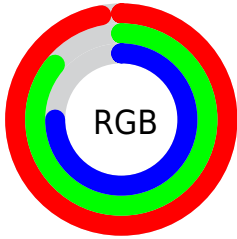
Format	Color
R _Y B	245, 247, 192
Decimal	16243904
CIE Lab	89.28, 5.06, 17.17
CIE LCh	89, 17.895, 73.584
Yxy	74.7663, 0.3521, 0.3583
Android (android.graphics.Color)	4294433984 (0xFFF7DCC0)
YUV	224.8810, -16.2103, 19.3984
Hunter-Lab	86.4675, 0.3408, 19.0920

Details

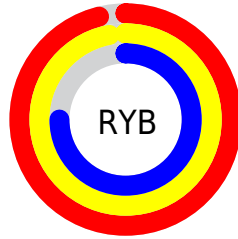
The XYZ color **73.4654, 74.7663, 60.4285** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.8578, 68.5833, 97.8684**, and the grayscale version is **71.5844, 75.3123, 82.0151**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **39.2778, 39.6924, 29.6360** is the 20% darker color. If you saturate the color by 10%, you get **67.8883, 67.6300, 46.1815**, and if you desaturate by 10%, it is **79.7366, 82.5546, 77.1746**.

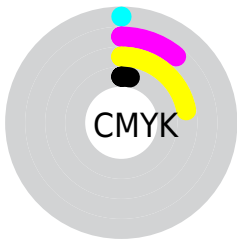
Distribution



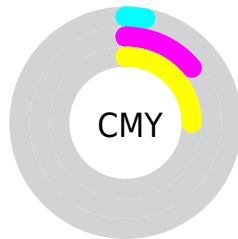
- Red (97%)
- Green (86%)
- Blue (75%)



- Red (96%)
- Yellow (97%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (22%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4654, 74.7663, 60.4285 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 73.4654, 74.7663, 60.4285 by changing the saturation by 10% instead.


 73.4654, 74.7663,
60.4285

 73.4654, 74.7663,
60.4285


461.7051,
477.1139, 444.0238

 54.6463, 55.4215,
43.3366


 123.1373,
125.9815, 107.0005

 39.3514, 39.7393,
29.8159


154.7208,
158.6206, 137.3176

 27.2151, 27.3353,
19.4480


191.2898,
196.4600, 172.8801

 17.8723, 17.8252,
11.8144

233.2097,
239.8840, 214.1067

 10.9575, 10.8246,
6.4964

280.8458,
289.2770, 261.4158

 6.1053, 5.9490,
3.0756

334.5635,

 2.9505, 2.8141,

345.0234, 315.2260

1.1334

394.7281,
407.5075, 375.9558

■ 1.1276, 1.0355,
0.0000

■ 0.0481, 0.0000,
0.0000

■ 73.4654, 74.7663,
60.4285

■ 73.4654, 74.7663,
60.4285

■ 67.8883, 67.6300,
46.1815

■ 79.7366, 82.5546,
77.1746

■ 62.9715, 61.1168,
34.3064

■ 86.7220, 91.0027,
96.5287

■ 58.6871, 55.2099,
24.6723

■ 92.1680, 98.5143,
108.7651

■ 55.0027, 49.8881,
17.1332

■ 51.8820, 45.1282,
11.5256

■ 49.2840, 40.9050,
7.6612

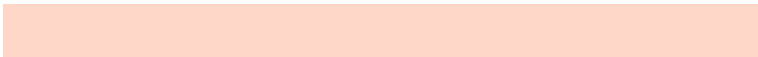
■ 47.1603, 37.1895,
5.3133

■ 45.7891, 34.6366,
4.2722

Harmonies

Analogous

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



77.3281, 74.7663, 65.9120



73.4654, 74.7663, 60.4285



69.1068, 74.7663, 60.1765

Triad

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



73.4654, 74.7663, 60.4285



63.2010, 74.7663, 87.1946



77.0178, 74.7663, 100.1222

Complementary

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



73.4654, 74.7663, 60.4285



63.8578, 68.5833, 97.8684

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.



73.0560, 74.7663, 107.1240



73.4654, 74.7663, 60.4285



65.1460, 74.7663, 99.1598

Square

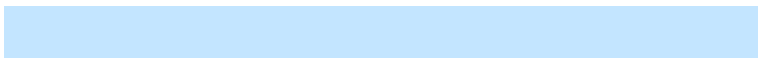
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4654, 74.7663, 60.4285



63.3004, 74.7663, 74.7917



68.7138, 74.7663, 106.7548



79.4358, 74.7663, 88.4029

Rectangle

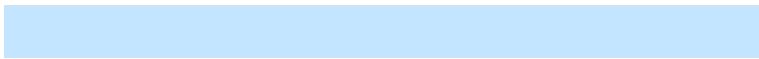
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4654, 74.7663, 60.4285



66.5136, 74.7663, 62.9531



68.7138, 74.7663, 106.7548



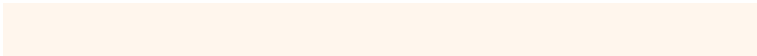
75.8155, 74.7663, 103.1568

Sweetspot

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



73.4674, 74.7697, 60.4301



89.5765, 93.4401, 93.5503



70.0603, 62.6152, 75.7577



19.0759, 19.8825, 19.7546



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.



73.4674, 74.7697, 60.4301



76.0300, 76.6338, 57.3226



81.1335, 90.1020, 62.9854



17.1967, 17.8775, 17.3419



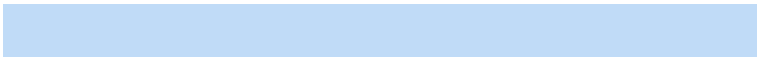
24.3589, 18.6034, 2.3070



2.2438, 1.8408, 0.2370

Inverse Universe

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



63.8578, 68.5833, 97.8684



63.9144, 68.8344, 104.5255



57.3773, 55.6222, 95.7082



16.2528, 17.2698, 21.0194



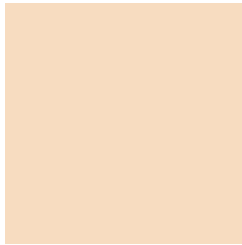
12.6514, 11.0965, 48.0131



1.2145, 1.1805, 4.2541

Previews

White Background



This preview shows how the XYZ color 73.4654, 74.7663, 60.4285 looks on a white background.

Color Contrast Check

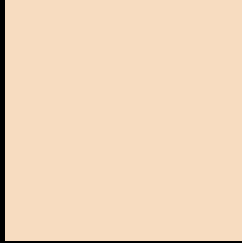
Large Text (above 18pt) WCAG AA × Fail

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 73.4654, 74.7663, 60.4285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

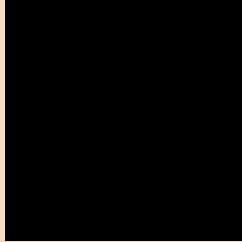
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4654, 74.7663, 60.4285

Background



This preview shows how black text looks on a background with the XYZ color 73.4654, 74.7663, 60.4285.



This preview shows how white text looks on a background with the XYZ color 73.4654, 74.7663,

60.4285.

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

73.4654, 74.7663, 60.4285

Protanopia

70.6542, 74.8685, 61.7661

Deuteranopia

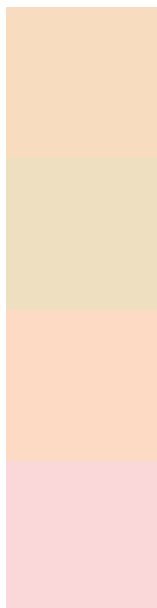
76.0167, 74.8712, 62.6696



Tritanopia

78.6153, 74.5581, 85.8490

Trichromacy



Original Color

73.4654, 74.7663, 60.4285

Protanomaly

71.6099, 74.9763, 61.1497

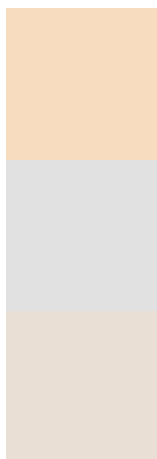
Deuteranomaly

75.0666, 74.7784, 62.1070

Tritanomaly

76.5046, 74.4455, 75.9828

Monochromacy



Original Color

73.4654, 74.7663, 60.4285

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.0022, 74.9031, 73.6136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4654, 74.7663, 60.4285 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(247, 220, 192)` looks like.

```
.text, #text, p{  
    color:rgb(247, 220, 192)  
}
```

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(247, 220, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 220, 192) }
```

Border

The CSS property to change the border of an element to XYZ 73.4654, 74.7663, 60.4285 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(247, 220, 192) }
```


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

```
.border{ border-color:rgb(247, 220, 192) }
```

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

Here you see how a box with a 4 pixel rgb(247, 220, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 220, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 220, 192);  
box-shadow:4px 4px 4px 4px rgb(247, 220,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4654, 74.7663, 60.4285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 220, 192) }
```

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

```
.background{ background-color: rgb(247,  
220, 192) }
```

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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