

Converting Colors

XYZ(71.6592, 73.0477, 60.7749)

Have a look what the booklet for
XYZ(71.6592, 73.0477, 60.7749)
contains.

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Color

**XYZ(71.6592, 73.0477,
60.7749)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DAC1
RGB	243, 218, 193
RGB Percent	95%, 85%, 76%
CMY	0.0471, 0.1451, 0.2431
CMYK	0.00, 0.10, 0.21, 0.05
HSL	30°, 68%, 85%
HSV	30°, 21%, 95%
XYZ	71.6592, 73.0477, 60.7749
YIQ	222.6250, 22.9250, -2.4750

Conversions

Conversions Part 2

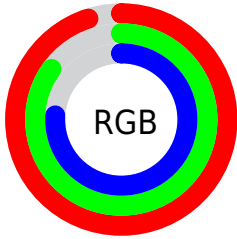
Format	Color
R _Y B	243, 243, 193
Decimal	15981249
CIE Lab	88.47, 4.77, 15.45
CIE LCh	88, 16.170, 72.845
Yxy	73.0477, 0.3487, 0.3555
Android (android.graphics.Color)	4294171329 (0xFFF3DAC1)
YUV	222.6250, -14.6051, 17.8689
Hunter-Lab	85.4679, 0.0915, 17.6674

Details

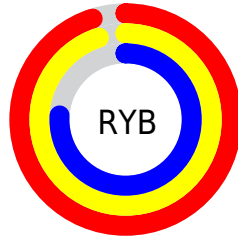
The XYZ color **71.6592, 73.0477, 60.7749** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.2411, 67.9499, 94.5770**, and the grayscale version is **69.9637, 73.6073, 80.1583**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **38.0071, 38.4976, 29.8537** is the 20% darker color. If you saturate the color by 10%, you get **66.1330, 65.9825, 46.6398**, and if you desaturate by 10%, it is **77.8657, 80.7595, 77.3359**.

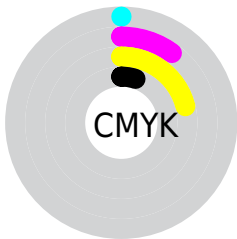
Distribution



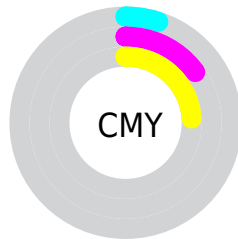
- Red (95%)
- Green (85%)
- Blue (76%)



- Red (95%)
- Yellow (95%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6592, 73.0477, 60.7749 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 71.6592, 73.0477, 60.7749 by changing the saturation by 10% instead.


 71.6592, 73.0477,
60.7749

 71.6592, 73.0477,
60.7749

455.5306,
471.1801, 445.3319

 53.1648, 54.0150,
43.6142


 120.5853,
123.5449, 107.5073

 38.1623, 38.6136,
30.0323


151.7477,
155.7782, 137.9160

 26.2865, 26.4593,
19.6109


187.8635,
193.1805, 173.5778

 17.1719, 17.1676,
11.9312

229.2980,
236.1361, 214.9112

 10.4532, 10.3540,
6.5749

276.4166,
285.0295, 262.3348

 5.7650, 5.6343,
3.1233

329.5847,

 2.7420, 2.6240,

340.2450, 316.2671

1.1579

389.1676,
402.1671, 377.1266

■ 1.0189, 0.9388,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.6592, 73.0477,
60.7749

■ 71.6592, 73.0477,
60.7749

■ 66.1330, 65.9825,
46.6398

■ 77.8657, 80.7595,
77.3359

■ 61.2546, 59.5355,
34.8098

■ 84.7716, 89.1256,
96.4263

■ 56.9972, 53.6903,
25.1608

■ 90.5969, 97.4439,
108.6413

■ 53.3298, 48.4262,
17.5549

■ 90.7724, 97.7948,
108.6998

■ 50.2181, 43.7206,
11.8381

■ 47.6232, 39.5489,
7.8344

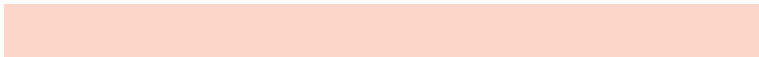
■ 45.4997, 35.8835,
5.3335

■ 43.8635, 32.8570,
4.0302

Harmonies

Analogous

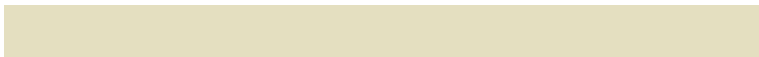
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0591, 73.0477, 65.8417



71.6592, 73.0477, 60.7749



67.7802, 73.0477, 60.4270

Triad

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



71.6592, 73.0477, 60.7749



62.3899, 73.0477, 84.3940



74.6408, 73.0477, 96.2981

Complementary

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



71.6592, 73.0477, 60.7749



63.2411, 67.9499, 94.5770

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.



71.1057, 73.0477, 102.3017



71.6592, 73.0477, 60.7749



64.0890, 73.0477, 95.0097

Square

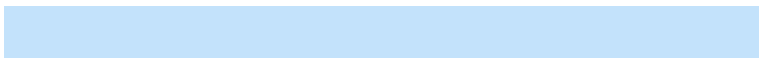
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6592, 73.0477, 60.7749



62.5256, 73.0477, 73.3842



67.2468, 73.0477, 101.8093



76.8241, 73.0477, 86.0234

Rectangle

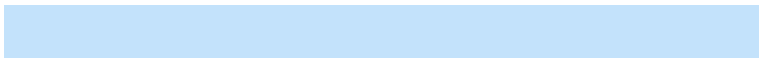
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6592, 73.0477, 60.7749



65.4517, 73.0477, 62.8638



67.2468, 73.0477, 101.8093



73.5656, 73.0477, 98.9238

Sweetspot

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



71.6611, 73.0510, 60.7764



90.2920, 94.2701, 95.6417



68.6878, 62.2576, 74.7272



19.2191, 20.0477, 20.1759



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.



71.6611, 73.0510, 60.7764



77.0942, 77.8779, 60.4032



78.6390, 87.0067, 63.1024



17.1838, 17.8518, 17.3376



24.2086, 18.3028, 2.2569



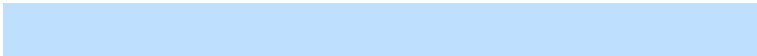
2.2305, 1.8142, 0.2326

Inverse Universe

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



63.2411, 67.9499, 94.5770



66.0183, 71.1678, 104.8650



57.2409, 55.9495, 92.5770



16.2656, 17.2955, 21.0236



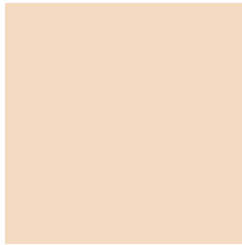
12.7983, 11.3904, 48.0621



1.2276, 1.2066, 4.2584

Previews

White Background



This preview shows how the XYZ color 71.6592, 73.0477, 60.7749 looks on a white background.

Color Contrast Check

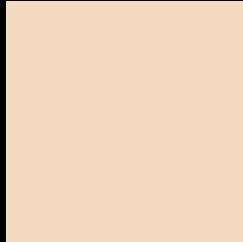
Large Text (above 18pt) WCAG AA × Fail

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 71.6592, 73.0477, 60.7749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

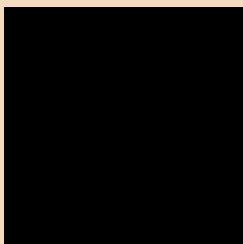
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6592, 73.0477, 60.7749

Background



This preview shows how black text looks on a background with the XYZ color 71.6592, 73.0477, 60.7749.



This preview shows how white text looks on a background with the XYZ color 71.6592, 73.0477,

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

71.6592, 73.0477, 60.7749

Protanopia

68.9855, 72.8088, 62.0473

Deuteranopia

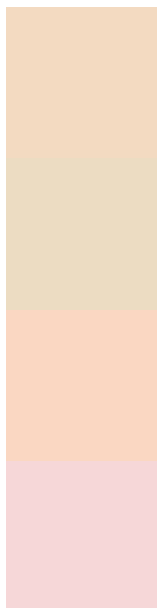
74.6572, 73.0590, 61.2059



Tritanopia

76.6485, 73.2021, 84.2183

Trichromacy



Original Color

71.6592, 73.0477, 60.7749

Protanomaly

69.9229, 72.9143, 61.4275

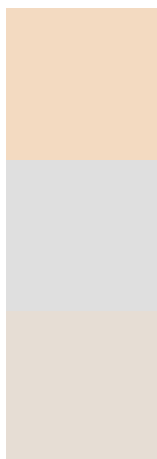
Deuteranomaly

73.4624, 72.8199, 61.2227

Tritanomaly

74.7011, 73.1516, 75.1482

Monochromacy



Original Color

71.6592, 73.0477, 60.7749

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.3732, 73.2894, 72.7245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6592, 73.0477, 60.7749 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(243, 218, 193) looks like.

```
.text, #text, p{  
    color:rgb(243, 218, 193)  
}
```

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(243, 218, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 218, 193) }
```

Border

The CSS property to change the border of an element to XYZ 71.6592, 73.0477, 60.7749 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(243, 218, 193) }
```


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

```
.border{ border-color:rgb(243, 218, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 218, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 218, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 218, 193);  
box-shadow:4px 4px 4px 4px rgb(243, 218,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6592, 73.0477, 60.7749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 218, 193) }
```

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

```
.background{ background-color: rgb(243,  
218, 193) }
```

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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