

Converting Colors

XYZ(76.2754, 78.9890, 60.6608)

Have a look what the booklet for
XYZ(76.2754, 78.9890, 60.6608)
contains.

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Color

**XYZ(76.2974, 79.0238,
60.5220)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE3BF
RGB	250, 227, 191
RGB Percent	98%, 89%, 75%
CMY	0.0196, 0.1098, 0.2510
CMYK	0.00, 0.09, 0.24, 0.02
HSL	37°, 86%, 86%
HSV	37°, 24%, 98%
XYZ	76.2974, 79.0238, 60.5220
YIQ	229.7730, 25.2640, -6.3200

Conversions

Conversions Part 2

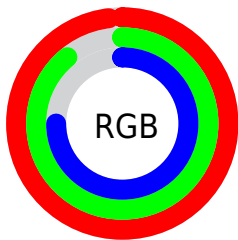
Format	Color
R_{YB}	229, 250, 191
Decimal	16442303
CIE _{Lab}	91.25, 2.42, 20.46
CIE _{LCh}	91, 20.606, 83.245
Yxy	79.0238, 0.3535, 0.3661
Android (android.graphics.Color)	4294632383 (0xFFFAE3BF)
YUV	229.7730, -19.1151, 17.7391
Hunter-Lab	88.8953, -2.3632, 21.8607

Details

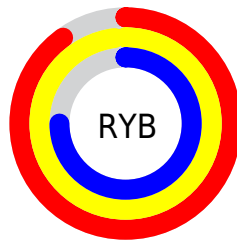
The XYZ color **76.2974, 79.0238, 60.5220** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.7872, 66.0698, 99.8863**, and the grayscale version is **75.1715, 79.0863, 86.1249**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **41.2602, 42.6486, 29.7243** is the 20% darker color. If you saturate the color by 10%, you get **71.1882, 72.8386, 46.3845**, and if you desaturate by 10%, it is **82.0312, 85.7056, 77.1863**.

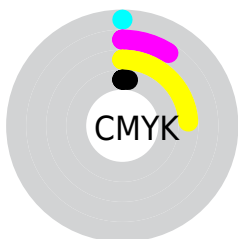
Distribution



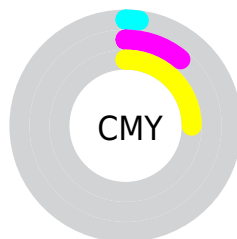
- Red (98%)
- Green (89%)
- Blue (75%)



- Red (90%)
- Yellow (98%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (24%)
- Black (2%)




- Cyan (2%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2974, 79.0238, 60.5220 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 76.2974, 79.0238, 60.5220 by changing the saturation by 10% instead.

 76.2974, 79.0238,
60.5220

 76.2974, 79.0238,
60.5220


471.2939,
491.6369, 444.3771

 56.9743, 58.9154,
43.4115


 127.1253,
131.9924, 107.1373

 41.2247, 42.5450,
29.8743


159.3609,
165.6213, 137.4791

 28.6831, 29.5283,
19.4920


196.6313,
204.5259, 173.0685

 18.9843, 19.4808,
11.8459

239.3020,
249.0904, 214.3240

 11.7629, 12.0182,
6.5176

287.7382,
299.6994, 261.6640

 6.6535, 6.7561,
3.0884

342.3053,

 3.2907, 3.3100,

356.7372, 315.5072

1.1400

403.3688,
420.5882, 376.2720

■ 1.3093, 1.2957,
0.0000

■ 0.1902, 0.1378,
0.0000

■ 76.2974, 79.0238,
60.5220

■ 76.2974, 79.0238,
60.5220

■ 71.1882, 72.8386,
46.3845

■ 82.0312, 85.7056,
77.1863

■ 66.6712, 67.1249,
34.6424

■ 88.4080, 92.8871,
96.4900

■ 62.7199, 61.8708,
25.1601

■ 93.2345, 99.0641,
108.8150

■ 59.3030, 57.0597,
17.7859

■ 56.3858, 52.6733,
12.3496

■ 53.9283, 48.6912,
8.6540

■ 51.8821, 45.0896,
6.4590

■ 50.7447, 42.9645,
5.6184

Harmonies

Analogous

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



81.2819, 79.0238, 64.9928



76.2974, 79.0238, 60.5220



71.2150, 79.0238, 62.2266

Triad

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



76.2974, 79.0238, 60.5220



66.2537, 79.0238, 97.9029



83.4480, 79.0238, 104.4302

Complementary

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



76.2974, 79.0238, 60.5220



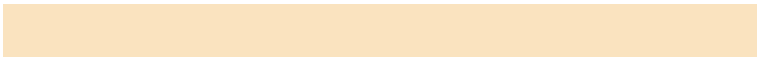
62.7872, 66.0698, 99.8863

Split Complementary

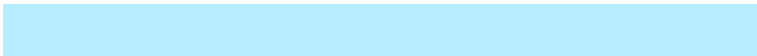
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.1440, 79.0238, 115.2730



76.2974, 79.0238, 60.5220



69.2582, 79.0238, 111.2097

Square

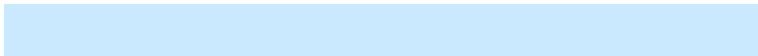
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2974, 79.0238, 60.5220



65.5703, 79.0238, 82.7041



73.9345, 79.0238, 117.8876



85.5323, 79.0238, 89.4716

Rectangle

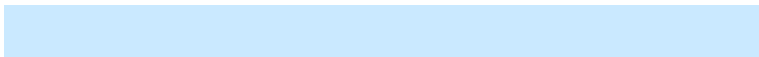
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2974, 79.0238, 60.5220



68.4363, 79.0238, 66.7445



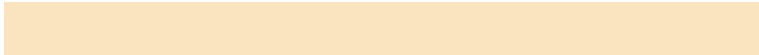
73.9345, 79.0238, 117.8876



82.2035, 79.0238, 108.7444

Sweetspot

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



76.2995, 79.0274, 60.5237



90.1287, 94.5445, 93.7343



70.2702, 62.4723, 72.3764



19.2038, 20.1384, 19.7972



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.



76.2995, 79.0274, 60.5237



77.3662, 79.7366, 56.4409



80.9330, 91.3842, 62.6646



18.1263, 18.9885, 18.1722



27.0605, 23.0776, 3.0282



2.6093, 2.3434, 0.3148

Inverse Universe

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



62.7872, 66.0698, 99.8863



61.1221, 64.1622, 103.7708



58.8868, 56.0216, 98.1524



16.8378, 17.7525, 21.9244



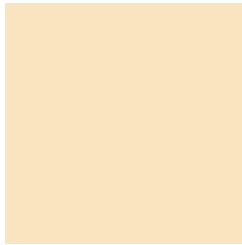
11.5712, 8.4980, 49.0040



1.1713, 0.9863, 4.5718

Previews

White Background



This preview shows how the XYZ color 76.2974, 79.0238, 60.5220 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 76.2974, 79.0238, 60.5220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

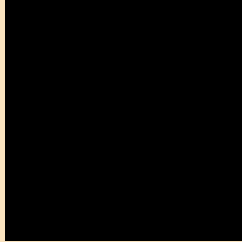
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2974, 79.0238, 60.5220

Background



This preview shows how black text looks on a background with the XYZ color 76.2974, 79.0238, 60.5220.

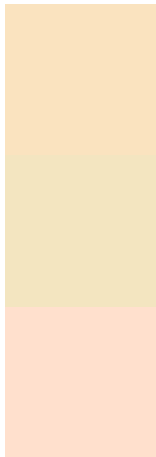


This preview shows how white text looks on a background with the XYZ color 76.2974, 79.0238,

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

76.2974, 79.0238, 60.5220

Protanopia

74.4959, 78.8991, 61.1719

Deuteranopia

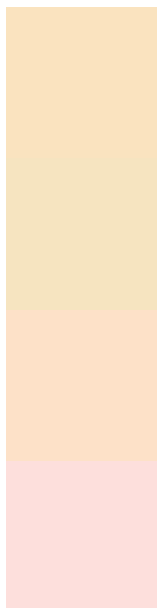
78.9151, 78.9791, 68.8428



Tritanopia

82.3825, 79.0873, 91.0441

Trichromacy



Original Color

76.2974, 79.0238, 60.5220

Protanomaly

75.2639, 78.8854, 61.1287

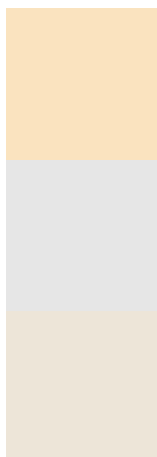
Deuteranomaly

77.8586, 78.9032, 65.7698

Tritanomaly

79.8140, 78.8253, 78.7183

Monochromacy



Original Color

76.2974, 79.0238, 60.5220

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.3390, 79.0010, 76.2437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2974, 79.0238, 60.5220 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(250, 227, 191)` looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 191)  
}
```

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(250, 227, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 191) }
```

Border

The CSS property to change the border of an element to XYZ 76.2974, 79.0238, 60.5220 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(250, 227, 191) }
```


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

```
.border{ border-color:rgb(250, 227, 191) }
```

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

Here you see how a box with a 4 pixel rgb(250, 227, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 191);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2974, 79.0238, 60.5220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 191) }
```

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

```
.background{ background-color: rgb(250,  
227, 191) }
```

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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