

Converting Colors

XYZ(71.4548, 76.2797, 28.6796)

Have a look what the booklet for
XYZ(71.4548, 76.2797, 28.6796)
contains.

XYZ(71.5554, 76.4665, 28.7574)	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(71.5554, 76.4665,
28.7574)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE178
RGB	255, 225, 120
RGB Percent	100%, 88%, 47%
CMY	0.0000, 0.1176, 0.5294
CMYK	0.00, 0.12, 0.53, 0.00
HSL	47°, 100%, 74%
HSV	47°, 53%, 100%
XYZ	71.5554, 76.4665, 28.7574
YIQ	222.0000, 51.5850, -26.2950

Conversions

Conversions Part 2

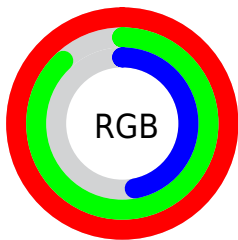
Format	Color
R _Y B	159, 255, 120
Decimal	16769400
CIE Lab	90.08, -2.37, 54.57
CIE LCh	90, 54.621, 92.485
Yxy	76.4665, 0.4048, 0.4326
Android (android.graphics.Color)	4294959480 (0xFFFFE178)
YUV	222.0000, -50.2860, 28.9410
Hunter-Lab	87.4451, -6.9644, 41.7133

Details

The XYZ color **71.5554, 76.4665, 28.7574** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.7018, 33.0246, 99.0474**, and the grayscale version is **69.7514, 73.3839, 79.9150**.

A 20% lighter version of the original color is **84.6400, 95.8360, 54.0816**, and **38.1528, 40.8905, 11.1920** is the 20% darker color. If you saturate the color by 10%, you get **68.7035, 72.9184, 21.1620**, and if you desaturate by 10%, it is **74.8738, 80.2883, 38.5427**.

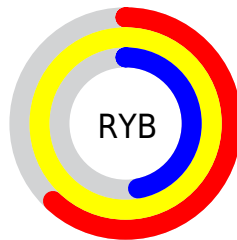
Distribution



Red (100%)

Green (88%)

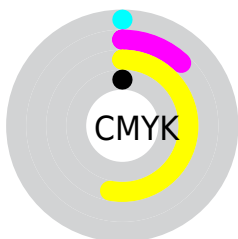
Blue (47%)



Red (62%)

Yellow (100%)

Blue (47%)

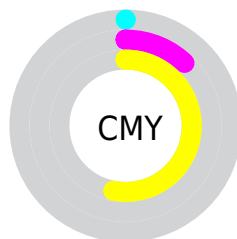


Cyan (0%)

Magenta (12%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5554, 76.4665, 28.7574 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 71.5554, 76.4665, 28.7574 by changing the saturation by 10% instead.


 71.5554, 76.4665,
28.7574


 71.5554, 76.4665,
28.7574


455.1743,
482.9431, 310.0936


 53.0797, 56.8151,
18.6534


 120.4384,
128.3861, 58.7290

 38.0942, 40.8568,
11.2458


 151.5765,
161.4231, 79.4337

 26.2333, 28.2072,
6.1162


 187.6661,
199.6908, 104.5089

 17.1319, 18.4819,
2.8459

229.0726,
243.5736, 134.3734

 10.4244, 11.2965,
1.0165

276.1613,
293.4558, 169.4455

 5.7457, 6.2667,
0.0000

329.2976,

 2.7302, 3.0079,

349.7219, 210.1439

0.0000

388.8468,
412.7562, 256.8871

■ 1.0128, 1.1359,
0.0000

■ 0.0000, 0.0084,
0.0000

■ 71.5554, 76.4665,
28.7574

■ 71.5554, 76.4665,
28.7574

■ 68.7035, 72.9184,
21.1620

■ 74.8738, 80.2883,
38.5427

■ 66.2787, 69.6188,
15.5752

■ 78.6836, 84.3858,
50.6705

■ 64.2436, 66.5548,
11.7945

■ 83.0141, 88.7745,
65.2850

■ 62.5506, 63.7067,
9.5722

■ 87.8906, 93.4652,
82.5174

■ 61.5129, 61.8060,
8.6877

■ 93.3369, 98.4681,
102.4898

95.0499, 99.9999,
108.9000

Harmonies

Analogous

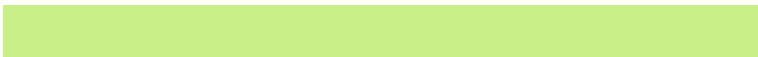
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3885, 76.4665, 33.0762



71.5554, 76.4665, 28.7574



59.5680, 76.4665, 34.8554

Triad

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



71.5554, 76.4665, 28.7574



52.8473, 76.4665, 130.0941



98.3141, 76.4665, 122.6942

Complementary

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



71.5554, 76.4665, 28.7574



36.7018, 33.0246, 99.0474

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.



87.5854, 76.4665, 163.3670



71.5554, 76.4665, 28.7574



61.2979, 76.4665, 168.4898

Square

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



71.5554, 76.4665, 28.7574



49.6387, 76.4665, 86.5361



73.8145, 76.4665, 182.2343



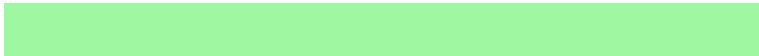
101.9311, 76.4665, 80.0658

Rectangle

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



71.5554, 76.4665, 28.7574



53.9145, 76.4665, 45.5931



73.8145, 76.4665, 182.2343



95.3592, 76.4665, 137.4484

Sweetspot

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



71.5572, 76.4701, 28.7589



86.3392, 91.9974, 76.9590



53.5835, 36.9443, 33.7992



18.2631, 19.4833, 15.7025



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.



71.5572, 76.4701, 28.7589



68.4270, 72.5572, 20.4779



68.3638, 87.9361, 31.1404



19.1988, 20.3657, 19.0634



32.2581, 32.5275, 4.5782



3.2211, 3.3276, 0.4725

Inverse Universe

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



36.7018, 33.0246, 99.0474



30.1706, 24.9388, 97.8312



38.4774, 27.7217, 97.9303



17.3302, 18.0321, 22.8171



10.2770, 5.4636, 49.9475



1.0776, 0.6858, 4.8889

Previews

White Background



This preview shows how the XYZ color 71.5554, 76.4665, 28.7574 looks on a white background.

Color Contrast Check

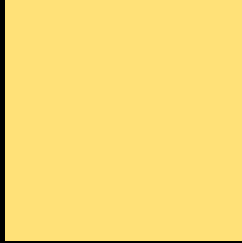
Large Text (above 18pt) WCAG AA × Fail

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 71.5554, 76.4665, 28.7574 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 71.5554, 76.4665, 28.7574

Background



This preview shows how black text looks on a background with the XYZ color 71.5554, 76.4665, 28.7574.



This preview shows how white text looks on a background with the XYZ color 71.5554, 76.4665,

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

71.5554, 76.4665, 28.7574

Protanopia

70.3446, 76.6426, 29.1751

Deuteranopia

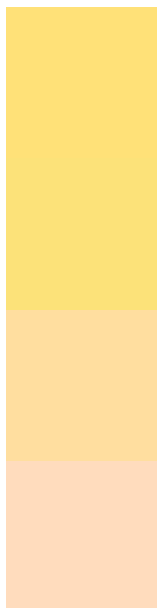
75.4369, 76.3091, 54.4692



Tritanopia

80.0564, 76.4871, 83.9429

Trichromacy



Original Color

71.5554, 76.4665, 28.7574

Protanomaly

70.7924, 76.4686, 29.1179

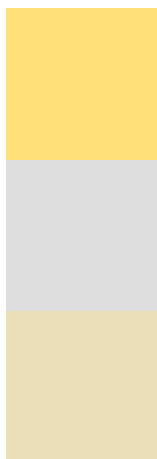
Deuteranomaly

73.6193, 76.0058, 43.5913

Tritanomaly

76.0185, 76.1205, 58.8302

Monochromacy



Original Color

71.5554, 76.4665, 28.7574

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.0763, 73.7706, 56.4974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5554, 76.4665, 28.7574 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, 225, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 120)  
}
```

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, 225, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 120) }
```

Border

The CSS property to change the border of an element to XYZ 71.5554, 76.4665, 28.7574 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, 225, 120) }
```


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

```
.border{ border-color:rgb(255, 225, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 225, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 225, 120); box-shadow:4px 4px 4px 4px rgb(255, 225, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5554, 76.4665, 28.7574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 120) }
```

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

```
.background{ background-color: rgb(255,  
225, 120) }
```

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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