

Converting Colors

XYZ(70.4215, 75.6844, 41.5667)

Have a look what the booklet for
XYZ(70.4215, 75.6844, 41.5667)
contains.

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Color

**XYZ(70.4141, 75.5960,
41.4521)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E19A
RGB	245, 225, 154
RGB Percent	96%, 88%, 60%
CMY	0.0392, 0.1176, 0.3961
CMYK	0.00, 0.08, 0.37, 0.04
HSL	47°, 82%, 78%
HSV	47°, 37%, 96%
XYZ	70.4141, 75.5960, 41.4521
YIQ	222.8860, 34.7110, -17.8410

Conversions

Conversions Part 2

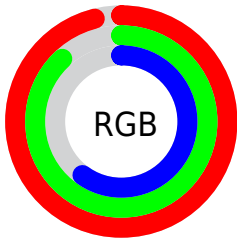
Format	Color
RYB	180, 245, 154
Decimal	16114074
CIELab	89.67, -3.06, 37.24
CIELCh	90, 37.365, 94.695
Yxy	75.5960, 0.3756, 0.4033
Android (android.graphics.Color)	4294304154 (0xFFFF5E19A)
YUV	222.8860, -33.9608, 19.3940
Hunter-Lab	86.9460, -7.5953, 32.5952

Details

The XYZ color **70.4141, 75.5960, 41.4521** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.9435, 43.7333, 92.4587**, and the grayscale version is **70.2762, 73.9360, 80.5163**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **37.2665, 40.2736, 18.3798** is the 20% darker color. If you saturate the color by 10%, you get **67.1465, 71.9997, 31.3027**, and if you desaturate by 10%, it is **74.1478, 79.4576, 53.8132**.

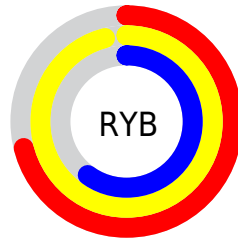
Distribution



Red (96%)

Green (88%)

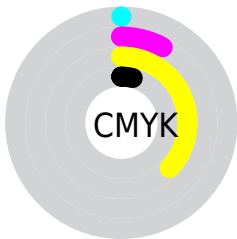
Blue (60%)



Red (71%)

Yellow (96%)

Blue (60%)

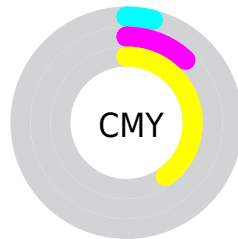


Cyan (0%)

Magenta (8%)

Yellow (37%)

Black (4%)



Cyan (4%)


Magenta (12%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.4141, 75.5960, 41.4521 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 70.4141, 75.5960, 41.4521 by changing the saturation by 10% instead.


 70.4141, 75.5960,
41.4521


 70.4141, 75.5960,
41.4521


451.2464,
479.9636, 367.9391

 52.1450, 56.1013,
28.3502


 118.8222,
127.1557, 78.6308

 37.3454, 40.2841,
18.3484


 149.6918,
159.9894, 103.5447

 25.6499, 27.7602,
11.0284


185.4924,
198.0383, 133.2330

 16.6932, 18.1449,
5.9715

226.5893,
241.6867, 168.1142

 10.1100, 11.0541,
2.7593

273.3477,
291.3191, 208.6068

 5.5348, 6.1032,
0.9731

326.1332,

 2.6023, 2.9080,

347.3197, 255.1295

0.0000

385.3110,
410.0731, 308.1007

■ 0.9471, 1.0839,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.4141, 75.5960,
41.4521

■ 70.4141, 75.5960,
41.4521

■ 67.1465, 71.9997,
31.3027

■ 74.1478, 79.4576,
53.8132

■ 64.3135, 68.6473,
23.2258

■ 78.3658, 83.5843,
68.5043

■ 61.8882, 65.5300,
17.0738

■ 83.0920, 87.9889,
85.6411

■ 59.8381, 62.6342,
12.6775

■ 88.3469, 92.6804,
105.3300

■ 58.1251, 59.9440,
9.8381

■ 90.4919, 96.2039,
108.4075

■ 56.7000, 57.4389,
8.2995

■ 91.4661, 98.1525,
108.7323

■ 56.3240, 56.7482,
7.9849

Harmonies

Analogous

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



79.6782, 75.5960, 44.4919



70.4141, 75.5960, 41.4521



62.2492, 75.5960, 47.2995

Triad

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



70.4141, 75.5960, 41.4521



58.2715, 75.5960, 114.6332



89.0528, 75.5960, 105.9109

Complementary

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



70.4141, 75.5960, 41.4521



44.9435, 43.7333, 92.4587

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.



82.3943, 75.5960, 131.3650



70.4141, 75.5960, 41.4521



64.5553, 75.5960, 137.1075

Square

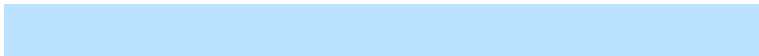
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.4141, 75.5960, 41.4521



55.6297, 75.5960, 86.5262



73.3088, 75.5960, 143.8033



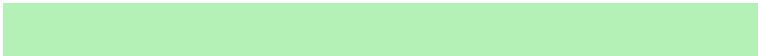
90.9555, 75.5960, 78.2353

Rectangle

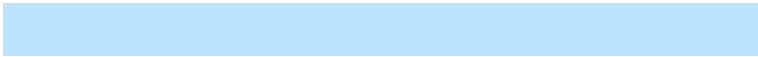
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.4141, 75.5960, 41.4521



58.3655, 75.5960, 56.3752



73.3088, 75.5960, 143.8033



87.2702, 75.5960, 115.1852

Sweetspot

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



70.4160, 75.5995, 41.4537



88.9235, 94.4539, 86.1815



56.9731, 45.6288, 46.4830



18.8821, 20.0764, 17.8972



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.



70.4160, 75.5995, 41.4537



74.2299, 79.6364, 36.3667



68.2231, 82.9683, 42.9916



17.5877, 18.6596, 17.4723



30.4498, 30.7852, 4.3373



2.7507, 2.8547, 0.4060

Inverse Universe

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



44.9435, 43.7333, 92.4587



42.4461, 39.8945, 100.0710



46.4591, 39.2012, 91.5040



15.8764, 16.5170, 20.8939



9.6684, 5.1305, 47.0187



0.9228, 0.5971, 4.1568

Previews

White Background



This preview shows how the XYZ color 70.4141, 75.5960, 41.4521 looks on a white background.

Color Contrast Check

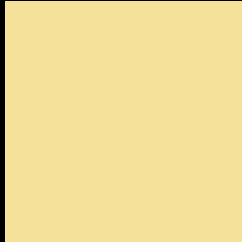
Large Text (above 18pt) WCAG AA × Fail

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 70.4141, 75.5960, 41.4521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

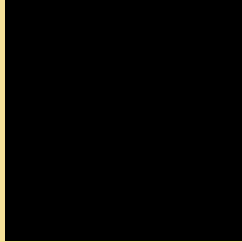
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.4141, 75.5960, 41.4521

Background



This preview shows how black text looks on a background with the XYZ color 70.4141, 75.5960, 41.4521.



This preview shows how white text looks on a background with the XYZ color 70.4141, 75.5960,

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

70.4141, 75.5960, 41.4521

Protanopia

70.0662, 75.4166, 41.4358

Deuteranopia

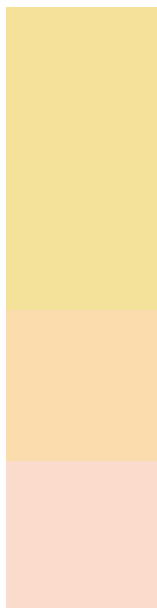
75.2232, 75.3837, 55.9332



Tritanopia

79.7390, 75.4979, 86.7138

Trichromacy



Original Color

70.4141, 75.5960, 41.4521

Protanomaly

70.0662, 75.4166, 41.4358

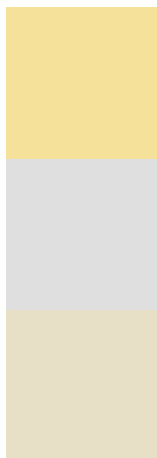
Deuteranomaly

73.1829, 75.2393, 50.2006

Tritanomaly

76.0143, 75.5319, 67.6995

Monochromacy



Original Color

70.4141, 75.5960, 41.4521

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.8037, 74.3775, 64.1033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4141, 75.5960, 41.4521 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(245, 225, 154)` looks like.

```
.text, #text, p{  
    color:rgb(245, 225, 154)  
}
```

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(245, 225, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 225, 154) }
```

Border

The CSS property to change the border of an element to XYZ 70.4141, 75.5960, 41.4521 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(245, 225, 154) }
```


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

```
.border{ border-color:rgb(245, 225, 154) }
```

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

Here you see how a box with a 4 pixel rgb(245, 225, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 225, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 225, 154);  
box-shadow:4px 4px 4px 4px rgb(245, 225,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4141, 75.5960, 41.4521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 225, 154) }
```

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

```
.background{ background-color: rgb(245,  
225, 154) }
```

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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