

Converting Colors

XYZ(71.0486, 76.3034, 43.3298)

Have a look what the booklet for
XYZ(71.0486, 76.3034, 43.3298)
contains.

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Color

**XYZ(71.0241, 76.2738,
43.3267)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E29E
RGB	245, 226, 158
RGB Percent	96%, 89%, 62%
CMY	0.0392, 0.1137, 0.3804
CMYK	0.00, 0.08, 0.36, 0.04
HSL	47°, 81%, 79%
HSV	47°, 36%, 96%
XYZ	71.0241, 76.2738, 43.3267
YIQ	223.9290, 33.1520, -17.1200

Conversions

Conversions Part 2

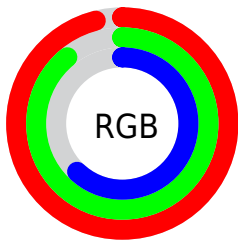
Format	Color
R_{YB}	182, 245, 158
Decimal	16114334
CIE _{Lab}	89.99, -3.11, 35.63
CIE _{LCh}	90, 35.765, 94.993
Yxy	76.2738, 0.3726, 0.4001
Android (android.graphics.Color)	4294304414 (0xFFFF5E29E)
YUV	223.9290, -32.5030, 18.4793
Hunter-Lab	87.3349, -7.6729, 31.7207

Details

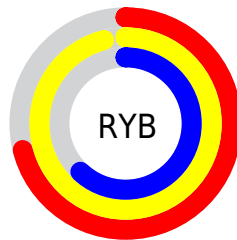
The XYZ color **71.0241, 76.2738, 43.3267** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.3038, 45.3046, 92.6904**, and the grayscale version is **71.0108, 74.7089, 81.3579**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **37.9035, 40.8578, 19.5243** is the 20% darker color. If you saturate the color by 10%, you get **67.6907, 72.6520, 32.8282**, and if you desaturate by 10%, it is **74.8272, 80.1616, 56.0575**.

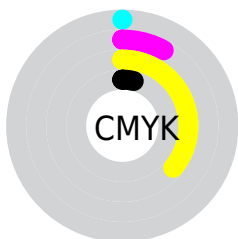
Distribution



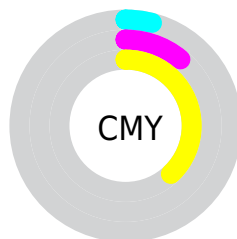
- Red (96%)
- Green (89%)
- Blue (62%)



- Red (71%)
- Yellow (96%)
- Blue (62%)



- Cyan (0%)
- Magenta (8%)
- Yellow (36%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0241, 76.2738, 43.3267 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 71.0241, 76.2738, 43.3267 by changing the saturation by 10% instead.


 71.0241, 76.2738,
43.3267


 71.0241, 76.2738,
43.3267


453.3482,
482.2845, 375.9142

 52.6445, 56.6571,
29.8082


 119.6864,
128.1139, 81.4953

 37.7454, 40.7300,
19.4423


 150.6997,
161.1060, 106.9825

 25.9614, 28.1081,
11.8102


186.6550,
199.3253, 137.2963

 16.9273, 18.4072,
6.4936

227.9176,
243.1563, 172.8553

 10.2777, 11.2427,
3.0739

274.8529,
292.9833, 214.0781

 5.6471, 6.2303,
1.1325

327.8262,

 2.6703, 2.9856,

349.1907, 261.3831

0.0000

387.2028,
412.1630, 315.1890

■ 0.9819, 1.1242,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.0241, 76.2738,
43.3267

■ 71.0241, 76.2738,
43.3267

■ 67.6907, 72.6520,
32.8282

■ 74.8272, 80.1616,
56.0575

■ 64.7957, 69.2747,
24.4249

■ 79.1176, 84.3148,
71.1374

■ 62.3127, 66.1336,
17.9718

■ 83.9190, 88.7463,
88.6805

■ 60.2101, 63.2152,
13.3036

■ 89.0901, 93.4002,
107.9402

■ 58.4507, 60.5041,
10.2273

■ 90.7530, 96.7260,
108.4945

■ 56.9889, 57.9813,
8.5045

■ 91.4662, 98.1525,
108.7323

■ 56.3985, 56.8971,
8.0097

Harmonies

Analogous

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



79.9346, 76.2738, 46.2319



71.0241, 76.2738, 43.3267



63.1633, 76.2738, 49.1638

Triad

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



71.0241, 76.2738, 43.3267



59.4226, 76.2738, 114.2704



89.0474, 76.2738, 105.4156

Complementary

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



71.0241, 76.2738, 43.3267



46.3038, 45.3046, 92.6904

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.



82.7055, 76.2738, 129.7453



71.0241, 76.2738, 43.3267



65.5338, 76.2738, 135.5438

Square

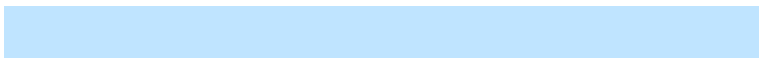
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0241, 76.2738, 43.3267



56.8222, 76.2738, 87.3661



73.9880, 76.2738, 141.7155



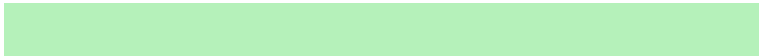
90.8156, 76.2738, 78.8769

Rectangle

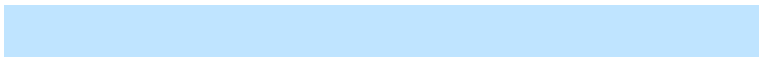
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.0241, 76.2738, 43.3267



59.4247, 76.2738, 58.0980



73.9880, 76.2738, 141.7155



87.3558, 76.2738, 114.2824

Sweetspot

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



71.0260, 76.2773, 43.3283



88.9356, 94.4780, 86.1855



57.9497, 47.0935, 48.3142



18.8849, 20.0821, 17.8982



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

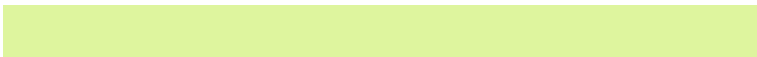
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0260, 76.2773, 43.3283



74.9708, 80.5009, 38.5166



68.8873, 83.2717, 44.7911



17.5898, 18.6636, 17.4729



30.4895, 30.8645, 4.3505



2.7539, 2.8611, 0.4071

Inverse Universe

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



46.3038, 45.3046, 92.6904



44.0307, 41.7553, 100.3467



47.8121, 40.8952, 91.7598



15.8745, 16.5132, 20.8933



9.6595, 5.1127, 47.0158



0.9218, 0.5950, 4.1565

Previews

White Background



This preview shows how the XYZ color 71.0241, 76.2738, 43.3267 looks on a white background.

Color Contrast Check

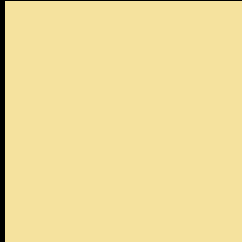
Large Text (above 18pt) WCAG AA × Fail

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 71.0241, 76.2738, 43.3267 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 71.0241, 76.2738, 43.3267

Background



This preview shows how black text looks on a background with the XYZ color 71.0241, 76.2738, 43.3267.



This preview shows how white text looks on a background with the XYZ color 71.0241, 76.2738,

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

71.0241, 76.2738, 43.3267

Protanopia

70.6761, 76.0944, 43.3104

Deuteranopia

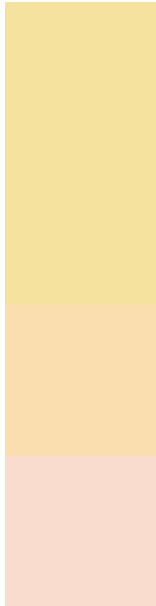
75.8028, 76.0343, 57.6945



Tritanopia

79.7719, 75.8776, 87.5322

Trichromacy



Original Color

71.0241, 76.2738, 43.3267

Protanomaly

70.6761, 76.0944, 43.3104

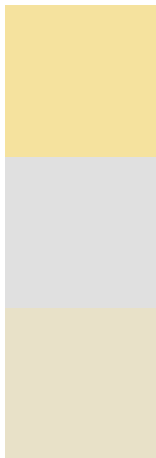
Deuteranomaly

73.7414, 75.8864, 51.8352

Tritanomaly

76.1581, 75.9666, 69.0416

Monochromacy



Original Color

71.0241, 76.2738, 43.3267

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.6293, 75.1764, 65.4315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0241, 76.2738, 43.3267 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, 226, 158)` looks like.

```
.text, #text, p{  
    color:rgb(245, 226, 158)  
}
```

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, 226, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 226, 158) }
```

Border

The CSS property to change the border of an element to XYZ 71.0241, 76.2738, 43.3267 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, 226, 158) }
```


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

```
.border{ border-color:rgb(245, 226, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 226, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 226, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 226, 158); box-shadow:4px 4px 4px 4px rgb(245, 226, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0241, 76.2738, 43.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 226, 158) }
```

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

```
.background{ background-color: rgb(245,  
226, 158) }
```

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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