

Converting Colors

XYZ(43.7133, 71.5451, 28.1829)

Have a look what the booklet for
XYZ(43.7133, 71.5451, 28.1829)
contains.

XYZ(43.6741, 71.5189, 28.3323)	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(43.6741, 71.5189,
28.3323)**

Conversions

Conversions Part 1

Format	Color
Hex	74F775
RGB	116, 247, 117
RGB Percent	45%, 97%, 46%
CMY	0.5451, 0.0314, 0.5412
CMYK	0.53, 0.00, 0.53, 0.03
HSL	120°, 89%, 71%
HSV	120°, 53%, 97%
XYZ	43.6741, 71.5189, 28.3323
YIQ	193.0110, -36.3460, -68.2020

Conversions

Conversions Part 2

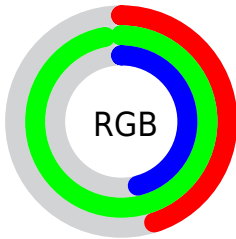
Format	Color
RYB	116, 246, 247
Decimal	7665525
CIELab	87.74, -61.31, 51.17
CIElCh	88, 79.857, 140.149
Yxy	71.5189, 0.3043, 0.4983
Android (android.graphics.Color)	4285855605 (0xFF74F775)
YUV	193.0110, -37.4734, -67.5386
Hunter-Lab	84.5688, -55.8123, 39.3348

Details

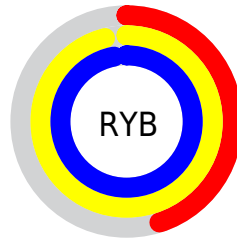
The XYZ color **43.6741, 71.5189, 28.3323** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **61.2397, 38.9199, 91.4747**, and the grayscale version is **50.9253, 53.5774, 58.3457**.

A 20% lighter version of the original color is **61.1109, 83.7287, 51.9701**, and **20.5578, 37.8255, 11.0680** is the 20% darker color. If you saturate the color by 10%, you get **39.5596, 69.5452, 21.5770**, and if you desaturate by 10%, it is **49.0421, 74.0994, 37.1185**.

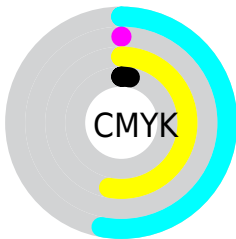
Distribution



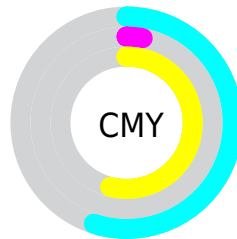
- Red (45%)
- Green (97%)
- Blue (46%)



- Red (45%)
- Yellow (96%)
- Blue (97%)



- Cyan (53%)
- Magenta (0%)
- Yellow (53%)
- Black (3%)




- Cyan (55%)
- Magenta (3%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6741, 71.5189, 28.3323 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 43.6741, 71.5189, 28.3323 by changing the saturation by 10% instead.


 43.6741, 71.5189,
28.3323

 43.6741, 71.5189,
28.3323


352.2514,
465.8653, 308.0131


 30.6112, 52.7658,
18.3351


 79.9765, 121.3723,
58.0440

 20.4533, 37.6158,
11.0189


 103.9467,
153.2413, 78.5956

 12.8352, 25.6846,
5.9652


 132.2834,
190.2511, 103.5024

 7.3914, 16.5879,
2.7555

165.3519,
232.7861, 133.1829

 3.7565, 9.9411,
0.9712

203.5176,
281.2306, 168.0557

 1.5653, 5.3599,
0.0000

247.1459,

 0.3697, 2.4599,

335.9690, 208.5393

0.0000

296.6020,
397.3858, 255.0522

0.0000, 0.8565,
0.0000

0.0000, 0.0000,
0.0000

43.6741, 71.5189,
28.3323

43.6741, 71.5189,
28.3323

39.5596, 69.5452,
21.5770

49.0421, 74.0994,
37.1185

36.5924, 68.1207,
16.6858


55.7483, 77.3210,
48.0753


34.6576, 67.1924,
13.4737


63.8761, 81.2260,
61.3355

33.6141, 66.6923,
11.7155

73.5006, 85.8504,
77.0199

 33.2726, 66.5285,
11.1420

 84.6918, 91.2280,
95.2412

 92.5522, 95.0044,
108.0674

Harmonies

Analogous

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



56.1867, 71.5189, 15.2595



43.6741, 71.5189, 28.3323



38.0364, 71.5189, 61.3553

Triad

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



43.6741, 71.5189, 28.3323



61.9340, 71.5189, 232.4794



108.2218, 71.5189, 47.1844

Complementary

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



43.6741, 71.5189, 28.3323



61.2397, 38.9199, 91.4747

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.



110.5452, 71.5189, 97.1148



43.6741, 71.5189, 28.3323



81.3101, 71.5189, 222.5762

Square

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



43.6741, 71.5189, 28.3323



47.2073, 71.5189, 188.5355



99.9466, 71.5189, 165.6576



94.0876, 71.5189, 22.1064

Rectangle

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



43.6741, 71.5189, 28.3323



38.0588, 71.5189, 97.7362



99.9466, 71.5189, 165.6576



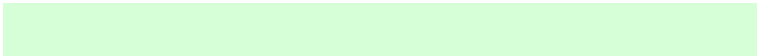
110.4997, 71.5189, 60.8998

Sweetspot

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



43.6758, 71.5219, 28.3339



75.7531, 90.7275, 77.4815



74.7741, 87.5604, 29.4830



15.7506, 19.1966, 15.8287



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.



43.6758, 71.5219, 28.3339



42.1317, 74.5762, 22.5415



48.8569, 73.5943, 55.6171



16.2874, 18.4741, 17.5318



17.5983, 35.1842, 5.9046



1.5485, 3.0931, 0.5283

Inverse Universe

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



61.2397, 38.9199, 91.4747



62.8993, 36.0195, 97.1939



52.9971, 35.6228, 48.0696



17.2079, 16.7660, 20.8412



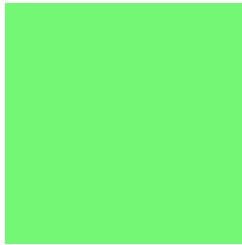
29.0141, 13.9491, 46.9100



2.5518, 1.2267, 4.1321

Previews

White Background



This preview shows how the XYZ color 43.6741, 71.5189, 28.3323 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 43.6741, 71.5189, 28.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

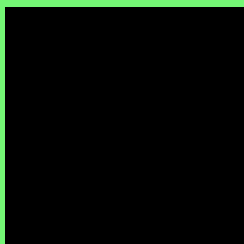
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

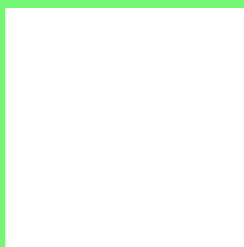
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6741, 71.5189, 28.3323

Background



This preview shows how black text looks on a background with the XYZ color 43.6741, 71.5189, 28.3323.

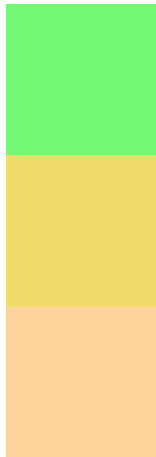


This preview shows how white text looks on a background with the XYZ color 43.6741, 71.5189,

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

43.6741, 71.5189, 28.3323

Protanopia

64.3139, 70.4465, 24.3952

Deuteranopia

70.4507, 70.2151, 40.8501



Tritanopia

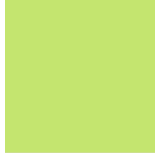
58.4056, 71.3539, 101.9612

Trichromacy



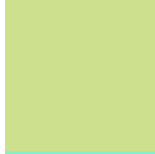
Original Color

43.6741, 71.5189, 28.3323



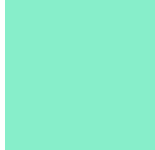
Protanomaly

53.6535, 68.9221, 25.5144



Deuteranomaly

56.3652, 68.0718, 35.3677



Tritanomaly

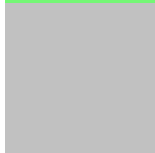
51.2269, 70.5642, 66.7974

Monochromacy



Original Color

43.6741, 71.5189, 28.3323



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

46.1028, 58.3044, 44.4213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6741, 71.5189, 28.3323 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(116, 247, 117)` looks like.

```
.text, #text, p{  
    color:rgb(116, 247, 117)  
}
```

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(116, 247, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 247, 117) }
```

Border

The CSS property to change the border of an element to XYZ 43.6741, 71.5189, 28.3323 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(116, 247, 117) }
```


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

```
.border{ border-color:rgb(116, 247, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 247, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 247, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 247, 117);  
box-shadow:4px 4px 4px 4px rgb(116, 247,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6741, 71.5189, 28.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 247, 117) }
```

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

```
.background{ background-color: rgb(116,  
247, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor