

Converting Colors

XYZ(48.5571, 73.6369, 35.4252)

Have a look what the booklet for
XYZ(48.5571, 73.6369, 35.4252)
contains.

XYZ(48.4556, 73.3804, 35.2769)	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(48.4556, 73.3804,
35.2769)**

Conversions

Conversions Part 1

Format	Color
Hex	8DF689
RGB	141, 246, 137
RGB Percent	55%, 96%, 54%
CMY	0.4471, 0.0353, 0.4627
CMYK	0.43, 0.00, 0.44, 0.04
HSL	118°, 86%, 75%
HSV	118°, 44%, 96%
XYZ	48.4556, 73.3804, 35.2769
YIQ	202.1790, -27.5910, -56.1590

Conversions

Conversions Part 2

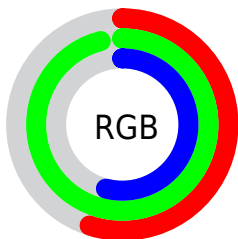
Format	Color
RYB	137, 246, 242
Decimal	9303689
CIELab	88.63, -51.56, 43.03
CIELCh	89, 67.156, 140.152
Yxy	73.3804, 0.3084, 0.4671
Android (android.graphics.Color)	4287493769 (0xFF8DF689)
YUV	202.1790, -32.1332, -53.6540
Hunter-Lab	85.6624, -48.9392, 35.5472

Details

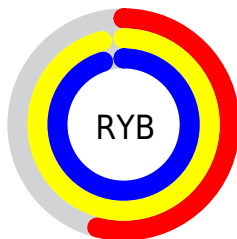
The XYZ color **48.4556, 73.3804, 35.2769** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **62.2019, 43.4249, 92.2961**, and the grayscale version is **56.4590, 59.3993, 64.6858**.

A 20% lighter version of the original color is **68.8276, 87.4679, 63.1246**, and **23.4046, 38.8901, 14.8673** is the 20% darker color. If you saturate the color by 10%, you get **43.2812, 70.8962, 26.8502**, and if you desaturate by 10%, it is **54.8981, 76.4761, 45.8659**.

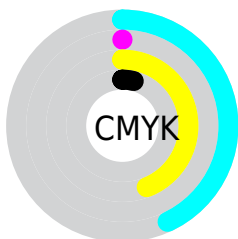
Distribution



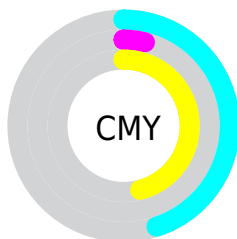
- Red (55%)
- Green (96%)
- Blue (54%)



- Red (54%)
- Yellow (96%)
- Blue (95%)



- Cyan (43%)
- Magenta (0%)
- Yellow (44%)
- Black (4%)





- Cyan (45%)
- Magenta (4%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4556, 73.3804, 35.2769 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 48.4556, 73.3804, 35.2769 by changing the saturation by 10% instead.


 48.4556, 73.3804,
35.2769


 48.4556, 73.3804,
35.2769


371.1478,
472.3322, 340.7302


 34.4006, 54.2871,
23.5910


 87.0880, 124.0171,
69.0709

 23.3658, 38.8312,
14.8211


 112.3960,
156.3292, 92.0162

 14.9861, 26.6284,
8.5487


 142.1858,
193.8164, 119.5515

 8.8959, 17.2944,
4.3552

176.8226,
236.8631, 152.0957

 4.7299, 10.4446,
1.8222

216.6719,
285.8536, 190.0670

 2.1228, 5.6947,
0.4425

262.0989,

 0.7016, 2.6604,

341.1723, 233.8842

0.0000

313.4691,
403.2037, 283.9658

0.0000, 0.9571,
0.0000

0.0000, 0.0000,
0.0000

48.4556, 73.3804,
35.2769

48.4556, 73.3804,
35.2769

43.2812, 70.8962,
26.8502

54.8981, 76.4761,
45.8659

39.2861, 68.9746,
20.4324

62.6789, 80.2102,
58.7468

36.3791, 67.5742,
15.8580

71.8695, 84.6191,
74.0448

34.4530, 66.6440,
12.9327

82.5349, 89.7337,
91.8747

■ 33.3787, 66.1226,
11.4192

■ 92.2472, 94.3945,
107.9657

■ 33.0702, 65.9727,
10.9910

Harmonies

Analogous

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



59.5532, 73.3804, 21.9948



48.4556, 73.3804, 35.2769



43.3314, 73.3804, 65.5878

Triad

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



48.4556, 73.3804, 35.2769



64.5513, 73.3804, 204.0049



103.2752, 73.3804, 52.9317

Complementary

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



48.4556, 73.3804, 35.2769



62.2019, 43.4249, 92.2961

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.



105.1680, 73.3804, 96.1533



48.4556, 73.3804, 35.2769



81.0398, 73.3804, 196.3545

Square

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



48.4556, 73.3804, 35.2769



51.6260, 73.3804, 169.8514



96.5055, 73.3804, 151.7975



91.6755, 73.3804, 29.1061

Rectangle

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



48.4556, 73.3804, 35.2769



43.3522, 73.3804, 96.6810



96.5055, 73.3804, 151.7975



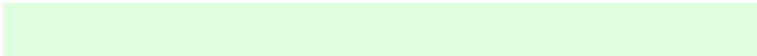
105.1304, 73.3804, 65.1805

Sweetspot

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



48.4574, 73.3835, 35.2785



79.3764, 92.4843, 82.6696



73.8470, 84.0473, 35.9987



16.4791, 19.5505, 16.8426



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.



48.4574, 73.3835, 35.2785



47.5703, 77.2178, 30.1189



52.1429, 74.7806, 58.1703



16.3384, 18.5010, 17.5075



17.6760, 35.2251, 5.8675



1.5730, 3.1059, 0.5166

Inverse Universe

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



62.2019, 43.4249, 92.2961



64.1884, 40.9489, 99.1286



57.0266, 41.5150, 57.8033



17.1500, 16.7355, 20.8689



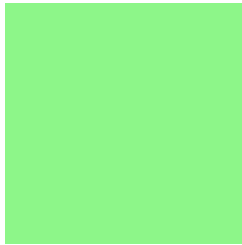
27.5441, 13.1738, 47.6291



2.4393, 1.1674, 4.1870

Previews

White Background



This preview shows how the XYZ color 48.4556, 73.3804, 35.2769 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 48.4556, 73.3804, 35.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

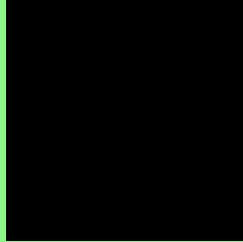
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4556, 73.3804, 35.2769

Background



This preview shows how black text looks on a background with the XYZ color 48.4556, 73.3804, 35.2769.



This preview shows how white text looks on a background with the XYZ color 48.4556, 73.3804,

35.2769.

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

48.4556, 73.3804, 35.2769

Protanopia

66.3707, 72.1487, 30.8500

Deuteranopia

72.4480, 72.2177, 47.6571



Tritanopia

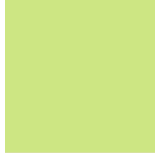
62.0194, 73.1986, 102.9554

Trichromacy



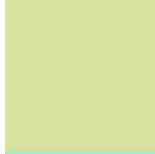
Original Color

48.4556, 73.3804, 35.2769



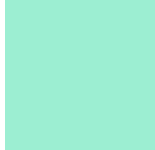
Protanomaly

57.5704, 71.2115, 32.1836



Deuteranomaly

61.0137, 71.1232, 42.4107



Tritanomaly

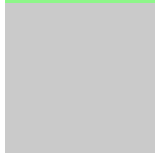
55.9177, 72.8701, 72.0909

Monochromacy



Original Color

48.4556, 73.3804, 35.2769



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

51.9297, 63.0605, 51.5544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4556, 73.3804, 35.2769 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(141, 246, 137)` looks like.

```
.text, #text, p{  
    color:rgb(141, 246, 137)  
}
```

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(141, 246, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 246, 137) }
```

Border

The CSS property to change the border of an element to XYZ 48.4556, 73.3804, 35.2769 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(141, 246, 137) }
```


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

```
.border{ border-color:rgb(141, 246, 137) }
```

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

Here you see how a box with a 4 pixel rgb(141, 246, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 246, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 246, 137);  
box-shadow:4px 4px 4px 4px rgb(141, 246,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4556, 73.3804, 35.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 246, 137) }
```

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

```
.background{ background-color: rgb(141,  
246, 137) }
```

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