

Converting Colors

XYZ(43.5464, 64.1566, 46.9417)

Have a look what the booklet for
XYZ(43.5464, 64.1566, 46.9417)
contains.

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Color

**XYZ(43.5290, 64.0439,
47.1133)**

Conversions

Conversions Part 1

Format	Color
Hex	79E7A8
RGB	121, 231, 168
RGB Percent	47%, 91%, 66%
CMY	0.5255, 0.0941, 0.3412
CMYK	0.48, 0.00, 0.27, 0.09
HSL	146°, 70%, 69%
HSV	146°, 48%, 91%
XYZ	43.5290, 64.0439, 47.1133
YIQ	190.9280, -45.3370, -42.9130

Conversions

Conversions Part 2

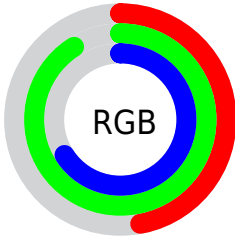
Format	Color
RYB	121, 198, 231
Decimal	7989160
CIELab	83.99, -45.58, 21.12
CIELCh	84, 50.237, 155.137
Yxy	64.0439, 0.2814, 0.4140
Android (android.graphics.Color)	4286179240 (0xFF79E7A8)
YUV	190.9280, -11.3035, -61.3269
Hunter-Lab	80.0274, -42.9572, 21.1143

Details

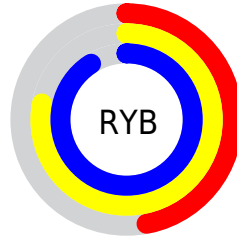
The XYZ color **43.5290, 64.0439, 47.1133** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **48.4463, 34.1259, 49.3835**, and the grayscale version is **49.5632, 52.1444, 56.7852**.

A 20% lighter version of the original color is **67.6697, 86.4314, 82.9284**, and **20.4690, 32.9450, 21.8032** is the 20% darker color. If you saturate the color by 10%, you get **39.5008, 62.1043, 40.8153**, and if you desaturate by 10%, it is **48.4611, 66.4385, 54.1111**.

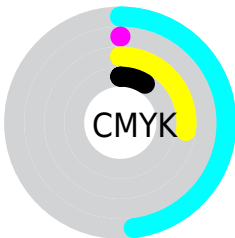
Distribution



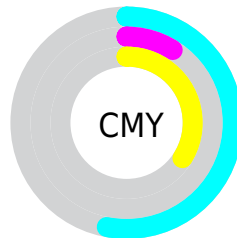
- Red (47%)
- Green (91%)
- Blue (66%)



- Red (47%)
- Yellow (78%)
- Blue (91%)



- Cyan (48%)
- Magenta (0%)
- Yellow (27%)
- Black (9%)





- Cyan (53%)
- Magenta (9%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5290, 64.0439, 47.1133 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 43.5290, 64.0439, 47.1133 by changing the saturation by 10% instead.


 43.5290, 64.0439,
47.1133


 43.5290, 64.0439,
47.1133


351.6675,
439.3482, 391.6734


 30.4967, 46.6862,
32.7702


 79.7593, 110.6742,
87.2345

 20.3659, 32.7877,
21.6808


 103.6880,
140.7155, 113.8497

 12.7711, 21.9638,
13.4265

 131.9795,
175.7536, 145.3927

 7.3470, 13.8303,
7.5887

164.9993,
216.1728, 182.2820

 3.7283, 8.0028,
3.7489

203.1126,
262.3574, 224.9362

 1.5496, 4.0967,
1.4887

246.6849,

 0.3592, 1.7278,

314.6919, 273.7738

0.2095

296.0814,
373.5607, 329.2134

■ 0.0000, 0.4416,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.5290, 64.0439,
47.1133

■ 43.5290, 64.0439,
47.1133

■ 39.5008, 62.1043,
40.8153

■ 48.4611, 66.4385,
54.1111

■ 36.3113, 60.5813,
35.1905


■ 54.3462, 69.3077,
61.8255


■ 33.8947, 59.4430,
30.2167


■ 61.2358, 72.6795,
70.2781


■ 32.1717, 58.6492,
25.8687


■ 69.1761, 76.5772,
79.4885

 31.0367, 58.1460,
22.1188

 78.2105, 81.0229,
89.4752

 30.8148, 58.0492,
21.3097

 86.6651, 85.1533,
100.1760

 87.8671, 85.6341,
106.5057

Harmonies

Analogous

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



49.4244, 64.0439, 30.8159



43.5290, 64.0439, 47.1133



42.0370, 64.0439, 75.3347

Triad

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



43.5290, 64.0439, 47.1133



62.7976, 64.0439, 149.7780



79.9914, 64.0439, 40.2026

Complementary

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



43.5290, 64.0439, 47.1133



48.4463, 34.1259, 49.3835

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.



84.6292, 64.0439, 64.4159



43.5290, 64.0439, 47.1133



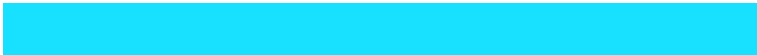
73.9630, 64.0439, 132.4112

Square

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



43.5290, 64.0439, 47.1133



52.3534, 64.0439, 140.9584



82.2998, 64.0439, 98.6336



70.2675, 64.0439, 27.7564

Rectangle

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



43.5290, 64.0439, 47.1133



43.5634, 64.0439, 98.9663



82.2998, 64.0439, 98.6336



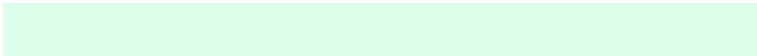
82.2473, 64.0439, 46.9105

Sweetspot

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



43.5307, 64.0465, 47.1148



79.9947, 92.5990, 91.9165



52.0771, 68.8702, 28.6386



16.6767, 19.6015, 19.1501



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.



43.5307, 64.0465, 47.1148



49.5696, 77.7816, 51.3060



49.6256, 66.4845, 79.2102



14.4436, 16.1909, 16.6009



17.3339, 32.5656, 12.2583



1.3266, 2.4248, 1.1466

Inverse Universe

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



48.4463, 34.1259, 49.3835



56.3924, 36.1822, 54.4038



43.8347, 32.2813, 25.0994



14.7212, 14.5057, 16.7322



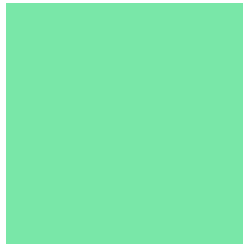
20.8849, 10.4882, 13.5549



1.5896, 0.7936, 1.2454

Previews

White Background



This preview shows how the XYZ color 43.5290, 64.0439, 47.1133 looks on a white background.

Color Contrast Check

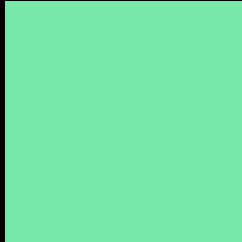
Large Text (above 18pt) WCAG AA × Fail

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 43.5290, 64.0439, 47.1133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

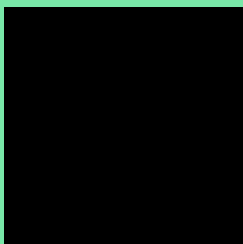
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

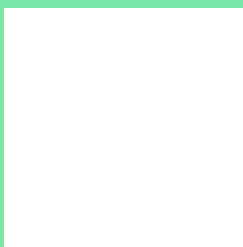
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5290, 64.0439, 47.1133

Background



This preview shows how black text looks on a background with the XYZ color 43.5290, 64.0439, 47.1133.



This preview shows how white text looks on a background with the XYZ color 43.5290, 64.0439,

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**

43.5290, 64.0439, 47.1133

Protanopia

59.0731, 63.2340, 40.9902

Deuteranopia

64.3273, 62.9290, 49.3135



Tritanopia

52.4969, 64.0228, 92.0288

Trichromacy



Original Color

43.5290, 64.0439, 47.1133



Protanomaly

51.2386, 62.1240, 43.0088



Deuteranomaly

53.7666, 61.4374, 48.0545



Tritanomaly

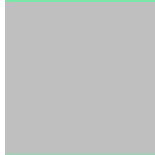
48.5785, 63.6110, 73.3361

Monochromacy



Original Color

43.5290, 64.0439, 47.1133



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

46.3444, 55.6685, 53.1022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5290, 64.0439, 47.1133 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(121, 231, 168)` looks like.

```
.text, #text, p{  
    color:rgb(121, 231, 168)  
}
```

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(121, 231, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 231, 168) }
```

Border

The CSS property to change the border of an element to XYZ 43.5290, 64.0439, 47.1133 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(121, 231, 168) }
```


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

```
.border{ border-color:rgb(121, 231, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 231, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 231, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 231, 168);  
box-shadow:4px 4px 4px 4px rgb(121, 231,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5290, 64.0439, 47.1133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 231, 168) }
```

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

```
.background{ background-color: rgb(121,  
231, 168) }
```

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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