

Converting Colors

XYZ(43.4725, 48.9626, 54.9464)

Have a look what the booklet for
XYZ(43.4725, 48.9626, 54.9464)
contains.

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Color

**XYZ(43.4338, 48.9994,
54.7456)**

Conversions

Conversions Part 1

Format	Color
Hex	A6BFBC
RGB	166, 191, 188
RGB Percent	65%, 75%, 74%
CMY	0.3490, 0.2510, 0.2627
CMYK	0.13, 0.00, 0.02, 0.25
HSL	173°, 16%, 70%
HSV	173°, 13%, 75%
XYZ	43.4338, 48.9994, 54.7456
YIQ	183.1830, -13.9370, -6.2330

Conversions

Conversions Part 2

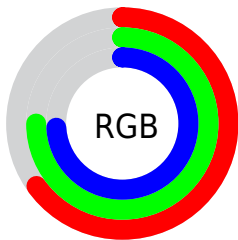
Format	Color
RYB	166, 179, 191
Decimal	10928060
CIELab	75.45, -9.06, -1.36
CIELCh	75, 9.163, 188.542
Yxy	48.9994, 0.2951, 0.3329
Android (android.graphics.Color)	4289118140 (0xFFA6BFBC)
YUV	183.1830, 2.3748, -15.0695
Hunter-Lab	69.9996, -11.7424, 2.6299

Details

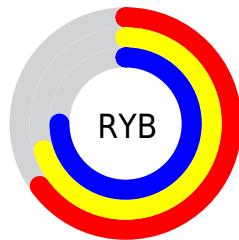
The XYZ color **43.4338, 48.9994, 54.7456** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.2853, 41.2147, 43.2649**, and the grayscale version is **45.1041, 47.4530, 51.6764**.

A 20% lighter version of the original color is **79.4087, 88.4253, 98.4705**, and **20.4011, 23.5036, 26.3831** is the 20% darker color. If you saturate the color by 10%, you get **39.4785, 46.9900, 53.2808**, and if you desaturate by 10%, it is **47.9905, 51.3210, 56.2611**.

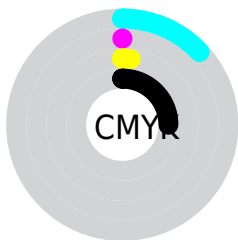
Distribution



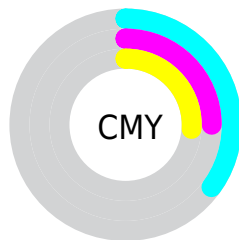
- Red (65%)
- Green (75%)
- Blue (74%)



- Red (65%)
- Yellow (70%)
- Blue (75%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4338, 48.9994, 54.7456 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 43.4338, 48.9994, 54.7456 by changing the saturation by 10% instead.


 43.4338, 48.9994,
54.7456


 43.4338, 48.9994,
54.7456


351.2841,
382.7400, 422.2016

 30.4216, 34.6190,
38.8009


 79.6167, 88.6906,
98.6355

 20.3085, 23.3695,
26.2982


 103.5182,
114.7701, 127.4178

 12.7291, 14.8666,
16.8191


131.7801,
145.5182, 161.3163

 7.3179, 8.7258,
9.9450

164.7678,
181.3192, 200.7496

 3.7098, 4.5628,
5.2574

202.8467,
222.5574, 246.1363

 1.5393, 1.9931,
2.3377

246.3822,

 0.3524, 0.6035,

269.6174, 297.8948

0.7522

295.7395,
322.8834, 356.4437

■ 0.0000, 0.0000,
0.0000

■ 43.4338, 48.9994,
54.7456

■ 43.4338, 48.9994,
54.7456

■ 39.4785, 46.9900,
53.2808

■ 47.9905, 51.3210,
56.2611

■ 36.0942, 45.2733,
51.8621

■ 53.1690, 53.9613,
57.8254

■ 33.2544, 43.8367,
50.4892

■ 58.9937, 56.9344,
59.4405

■ 30.9284, 42.6647,
49.1606

■ 65.4866, 60.2514,
61.1078

■ 29.0829, 41.7398,
47.8747

■ 70.2352, 62.6688,
62.7143

■ 27.6804, 41.0429,
46.6295

■ 70.5045, 62.7765,
64.1321

■ 26.6777, 40.5517,
45.4230

■ 70.7778, 62.8858,
65.5712

■ 26.0233, 40.2395,
44.2526

■ 71.0551, 62.9967,
67.0317

■ 25.7057, 40.0930,
43.4617

■ 71.3365, 63.1093,
68.5135

Harmonies

Analogous

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



43.6146, 48.9994, 50.0210



43.4338, 48.9994, 54.7456



44.0780, 48.9994, 59.3603

Triad

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



43.4338, 48.9994, 54.7456



48.6257, 48.9994, 60.9633



47.7708, 48.9994, 45.1547

Complementary

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



43.4338, 48.9994, 54.7456



42.2853, 41.2147, 43.2649

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.



49.1593, 48.9994, 47.7635



43.4338, 48.9994, 54.7456



49.6612, 48.9994, 56.8277

Square

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



43.4338, 48.9994, 54.7456



47.0566, 48.9994, 63.0895



49.8588, 48.9994, 51.9823



46.0917, 48.9994, 44.6718

Rectangle

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



43.4338, 48.9994, 54.7456



44.8979, 48.9994, 61.6866



49.8588, 48.9994, 51.9823



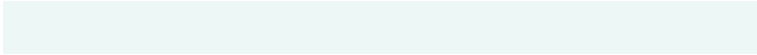
48.2881, 48.9994, 45.8041

Sweetspot

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



43.4352, 49.0014, 54.7467



85.1048, 91.4827, 100.4915



41.9490, 48.4888, 43.2256



18.5450, 20.0158, 22.0211



92.9021, 97.7402, 106.4391



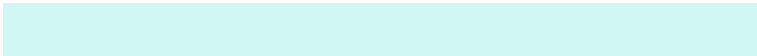
19.4759, 20.4902, 22.3138

Same Dimension

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



43.4352, 49.0014, 54.7467



75.4337, 86.5597, 97.2073



41.8252, 45.2579, 55.8238



9.7579, 10.7893, 11.9746



16.9124, 26.3552, 28.6651



0.6766, 1.0380, 1.1971

Inverse Universe

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



42.2853, 41.2147, 43.2649



72.9324, 69.6196, 72.2303



43.7329, 44.5560, 42.3725



9.5755, 9.5545, 10.1538



14.2377, 7.3262, 1.2792



0.5732, 0.2932, 0.1319

Previews

White Background



This preview shows how the XYZ color 43.4338, 48.9994, 54.7456 looks on a white background.

Color Contrast Check

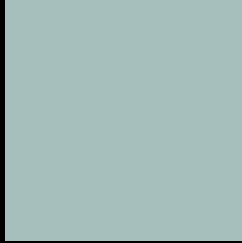
Large Text (above 18pt) WCAG AA × Fail

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 43.4338, 48.9994, 54.7456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

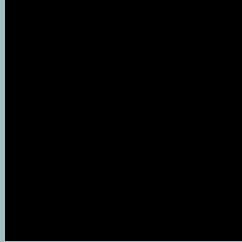
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

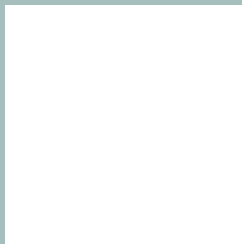
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4338, 48.9994, 54.7456

Background



This preview shows how black text looks on a background with the XYZ color 43.4338, 48.9994, 54.7456.

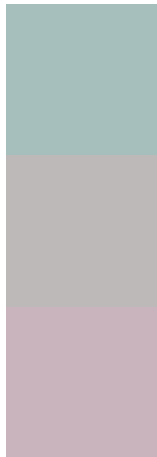


This preview shows how white text looks on a background with the XYZ color 43.4338, 48.9994,

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

43.4338, 48.9994, 54.7456

Protanopia

46.9870, 48.9774, 52.3245

Deuteranopia

49.7029, 48.7777, 55.5106



Tritanopia

45.4589, 49.1898, 64.2254

Trichromacy



Original Color

43.4338, 48.9994, 54.7456

Protanomaly

45.5833, 48.8672, 52.9288

Deuteranomaly

47.0648, 48.6465, 55.0532

Tritanomaly

44.7549, 49.2290, 60.5694

Monochromacy



Original Color

43.4338, 48.9994, 54.7456

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.4473, 47.9677, 52.8150

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4338, 48.9994, 54.7456 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(166, 191, 188)` looks like.

```
.text, #text, p{  
    color:rgb(166, 191, 188)  
}
```

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(166, 191, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 191, 188) }
```

Border

The CSS property to change the border of an element to XYZ 43.4338, 48.9994, 54.7456 is called "border". The border property can be set on classes, ids or directly on the HTML element.

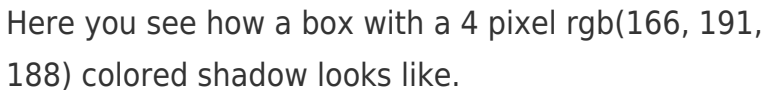
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 191, 188) }
```


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

```
.border{ border-color:rgb(166, 191, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 191, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 191, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 191, 188); box-shadow:4px 4px 4px 4px rgb(166, 191, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4338, 48.9994, 54.7456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 191, 188) }
```

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

```
.background{ background-color: rgb(166,  
191, 188) }
```

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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