

Converting Colors

XYZ(47.6399, 54.8964, 55.7962)

Have a look what the booklet for
XYZ(47.6399, 54.8964, 55.7962)
contains.

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Color

**XYZ(47.6532, 54.8706,
55.6564)**

Conversions

Conversions Part 1

Format	Color
Hex	AECABC
RGB	174, 202, 188
RGB Percent	68%, 79%, 74%
CMY	0.3176, 0.2078, 0.2627
CMYK	0.14, 0.00, 0.07, 0.21
HSL	150°, 21%, 74%
HSV	150°, 14%, 79%
XYZ	47.6532, 54.8706, 55.6564
YIQ	192.0320, -12.1940, -10.2900

Conversions

Conversions Part 2

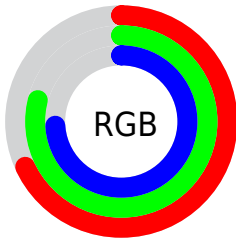
Format	Color
RYB	174, 193, 202
Decimal	11455164
CIELab	78.97, -12.13, 3.82
CIELCh	79, 12.717, 162.502
Yxy	54.8706, 0.3013, 0.3469
Android (android.graphics.Color)	4289645244 (0xFFAECABC)
YUV	192.0320, -1.9878, -15.8141
Hunter-Lab	74.0747, -14.7994, 7.3044

Details

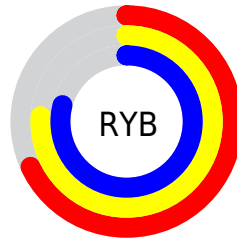
The XYZ color **47.6532, 54.8706, 55.6564** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.5723, 46.4609, 53.9874**, and the grayscale version is **50.1392, 52.7504, 57.4451**.

A 20% lighter version of the original color is **84.7223, 94.8746, 99.4352**, and **22.8482, 26.9940, 26.9278** is the 20% darker color. If you saturate the color by 10%, you get **42.4360, 52.3040, 49.9260**, and if you desaturate by 10%, it is **53.6265, 57.8212, 61.8225**.

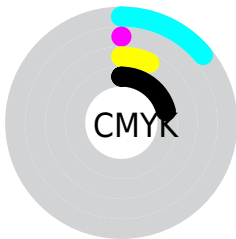
Distribution



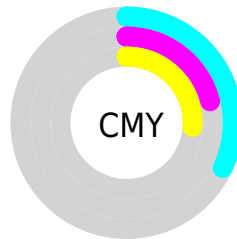
- Red (68%)
- Green (79%)
- Blue (74%)



- Red (68%)
- Yellow (76%)
- Blue (79%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)



- Cyan (32%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6532, 54.8706, 55.6564 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 47.6532, 54.8706, 55.6564 by changing the saturation by 10% instead.

■ 47.6532, 54.8706,
55.6564

■ 47.6532, 54.8706,
55.6564

368.0214,
405.4212, 425.7472

■ 33.7624, 39.2981,
39.5254

■ 85.9007, 97.3513,
99.9828

■ 22.8732, 26.9917,
26.8577

110.9881,
125.0284, 129.0152

■ 14.6201, 17.5670,
17.2349

140.5384,
157.5091, 163.1852

■ 8.6378, 10.6396,
10.2384

174.9170,
195.1779, 202.9113

■ 4.5609, 5.8250,
5.4496

214.4892,
238.4191, 248.6120

■ 2.0241, 2.7390,
2.4501

259.6205,

■ 0.6474, 0.9970,

287.6171, 300.7058

0.8135

310.6761,
343.1563, 359.6114

■ 0.0000, 0.0000,
0.0000

■ 47.6532, 54.8706,
55.6564

■ 47.6532, 54.8706,
55.6564

■ 42.4360, 52.3040,
49.9260

■ 53.6265, 57.8212,
61.8225

■ 37.9387, 50.0984,
44.6179

■ 60.3811, 61.1641,
68.4297

■ 34.1288, 48.2387,
39.7235

■ 67.9465, 64.9158,
75.4883

■ 30.9694, 46.7061,
35.2325

■ 76.3494, 69.0899,
83.0069

■ 28.4201, 45.4800,
31.1340

■ 77.8690, 69.7061,
90.6315

■ 26.4357, 44.5372,
27.4165

■ 79.3996, 70.3184,
98.6916

■ 24.9641, 43.8511,
24.0681

■ 80.4116, 70.7232,
104.0205

■ 23.9427, 43.3898,
21.0757

■ 23.4701, 43.1826,
19.4076

Harmonies

Analogous

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



48.9374, 54.8706, 50.0585



47.6532, 54.8706, 55.6564



47.5500, 54.8706, 62.8092

Triad

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



47.6532, 54.8706, 55.6564



53.2122, 54.8706, 74.3914



55.8190, 54.8706, 50.8248

Complementary

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



47.6532, 54.8706, 55.6564



48.5723, 46.4609, 53.9874

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.



57.0435, 54.8706, 56.7817



47.6532, 54.8706, 55.6564



55.5062, 54.8706, 70.6063

Square

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



47.6532, 54.8706, 55.6564



50.7051, 54.8706, 74.0286



56.9272, 54.8706, 64.0286



53.6279, 54.8706, 47.4277

Rectangle

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



47.6532, 54.8706, 55.6564



48.1601, 54.8706, 67.5411



56.9272, 54.8706, 64.0286



56.3604, 54.8706, 52.5727

Sweetspot

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



47.6547, 54.8729, 55.6576



90.5860, 97.7923, 104.4612



49.6167, 56.0503, 48.2489



19.2147, 20.8454, 22.1833



0.0000, 0.0000, 0.0000



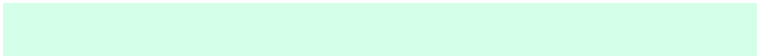
20.3446, 21.4041, 23.3091

Same Dimension

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



47.6547, 54.8729, 55.6576



77.5647, 91.3667, 90.8800



49.1835, 55.4844, 63.7079



11.2980, 12.6290, 13.1269



15.1470, 27.8041, 12.7248



0.8197, 1.4497, 0.8582

Inverse Universe

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



48.5723, 46.4609, 53.9874



79.4509, 74.0741, 87.4465



47.1804, 45.9042, 46.6579



11.4424, 11.3057, 12.8641



17.2304, 8.7027, 8.9319



0.9272, 0.4643, 0.6626

Previews

White Background



This preview shows how the XYZ color 47.6532, 54.8706, 55.6564 looks on a white background.

Color Contrast Check

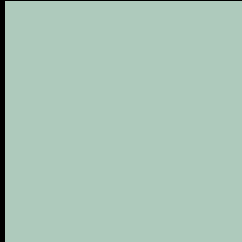
Large Text (above 18pt) WCAG AA × Fail

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 47.6532, 54.8706, 55.6564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

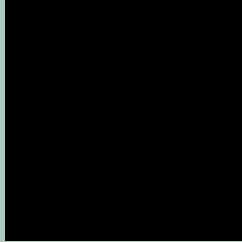
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

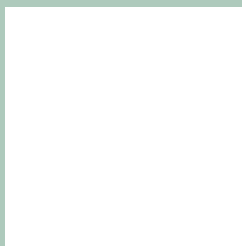
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.6532, 54.8706, 55.6564

Background



This preview shows how black text looks on a background with the XYZ color 47.6532, 54.8706, 55.6564.

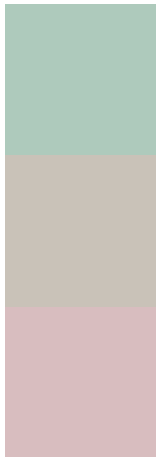


This preview shows how white text looks on a background with the XYZ color 47.6532, 54.8706,

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

47.6532, 54.8706, 55.6564

Protanopia

52.0309, 54.4618, 53.1173

Deuteranopia

55.9205, 54.7557, 56.9118



Tritanopia

50.9221, 54.8269, 71.5171

Trichromacy



Original Color

47.6532, 54.8706, 55.6564

Protanomaly

50.2091, 54.5117, 53.7744

Deuteranomaly

52.6734, 54.7188, 56.5008

Tritanomaly

49.5743, 54.6017, 65.6840

Monochromacy



Original Color

47.6532, 54.8706, 55.6564

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.1515, 53.5557, 57.0369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6532, 54.8706, 55.6564 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(174, 202, 188)` looks like.

```
.text, #text, p{  
    color:rgb(174, 202, 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(174, 202, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 202, 188) }
```

Border

The CSS property to change the border of an element to XYZ 47.6532, 54.8706, 55.6564 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(174, 202, 188) }
```


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

```
.border{ border-color:rgb(174, 202, 188) }
```

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

Here you see how a box with a 4 pixel rgb(174, 202, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 202, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 202, 188);  
box-shadow:4px 4px 4px 4px rgb(174, 202,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6532, 54.8706, 55.6564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 202, 188) }
```

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

```
.background{ background-color: rgb(174,  
202, 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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