

Converting Colors

XYZ(47.4312, 54.7561, 55.6461)

Have a look what the booklet for
XYZ(47.4312, 54.7561, 55.6461)
contains.

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Color

**XYZ(47.4312, 54.7561,
55.6461)**

Conversions

Conversions Part 1

Format	Color
Hex	ADCABC
RGB	173, 202, 188
RGB Percent	68%, 79%, 74%
CMY	0.3216, 0.2078, 0.2627
CMYK	0.14, 0.00, 0.07, 0.21
HSL	151°, 21%, 74%
HSV	151°, 14%, 79%
XYZ	47.4312, 54.7561, 55.6461
YIQ	191.7330, -12.7900, -10.5020

Conversions

Conversions Part 2

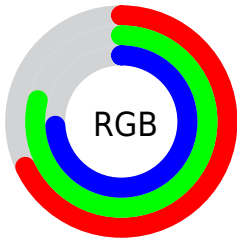
Format	Color
R _{YB}	173, 192, 202
Decimal	11389628
CIE Lab	78.90, -12.46, 3.72
CIE LCh	79, 13.004, 163.381
Yxy	54.7561, 0.3005, 0.3469
Android (android.graphics.Color)	4289579708 (0xFFADCABC)
YUV	191.7330, -1.8404, -16.4288
Hunter-Lab	73.9974, -15.0796, 7.2120

Details

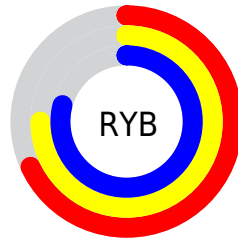
The XYZ color **47.4312, 54.7561, 55.6461** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.2722, 46.0329, 53.3571**, and the grayscale version is **49.9642, 52.5662, 57.2446**.

A 20% lighter version of the original color is **84.4022, 94.7097, 99.4203**, and **22.7088, 26.9221, 26.9213** is the 20% darker color. If you saturate the color by 10%, you get **42.2818, 52.2204, 50.1016**, and if you desaturate by 10%, it is **53.3301, 57.6730, 61.5989**.

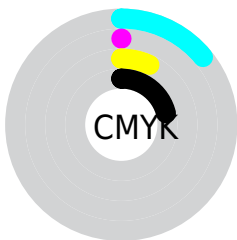
Distribution



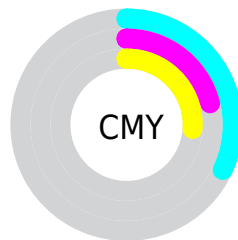
- Red (68%)
- Green (79%)
- Blue (74%)



- Red (68%)
- Yellow (75%)
- 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 47.4312, 54.7561, 55.6461 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 47.4312, 54.7561, 55.6461 by changing the saturation by 10% instead.

■ 47.4312, 54.7561,
55.6461

■ 47.4312, 54.7561,
55.6461

367.1533,
404.9867, 425.7072

■ 33.5860, 39.2065,
39.5172

■ 85.5717, 97.1835,
99.9676

■ 22.7371, 26.9204,
26.8514

110.5978,
124.8301, 128.9972

■ 14.5192, 17.5134,
17.2302

140.0816,
157.2778, 163.1641

■ 8.5667, 10.6012,
10.2350

174.3884,
194.9110, 202.8869

■ 4.5145, 5.7994,
5.4474

213.8837,
238.1141, 248.5840

■ 1.9971, 2.7235,
2.4488

258.9327,

■ 0.6323, 0.9891,

287.2715, 300.6741

0.8128

309.9008,
342.7676, 359.5757

■ 0.0000, 0.0000,
0.0000

■ 47.4312, 54.7561,
55.6461

■ 47.4312, 54.7561,
55.6461

■ 42.2818, 52.2204,
50.1016

■ 53.3301, 57.6730,
61.5989

■ 37.8457, 50.0429,
44.9530

■ 60.0036, 60.9793,
67.9649

■ 34.0904, 48.2084,
40.1925


■ 67.4812, 64.6917,
74.7534


■ 30.9792, 46.6983,
35.8105

■ 75.7896, 68.8236,
81.9723


■ 28.4715, 45.4918,
31.7972


■ 77.6134, 69.6038,
89.2859


 26.5221, 44.5657,
28.1422

 79.0759, 70.1888,
96.9870

 25.0787, 43.8933,
24.8344

 80.4115, 70.7231,
104.0205

 24.0782, 43.4423,
21.8619

 23.6445, 43.2523,
20.3260

Harmonies

Analogous

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



48.7087, 54.7561, 49.8736



47.4312, 54.7561, 55.6461



47.3630, 54.7561, 62.9707

Triad

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



47.4312, 54.7561, 55.6461



53.2012, 54.7561, 74.5464



55.7356, 54.7561, 50.3796

Complementary

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



47.4312, 54.7561, 55.6461



48.2722, 46.0329, 53.3571

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.



57.0238, 54.7561, 56.3905



47.4312, 54.7561, 55.6461



55.5282, 54.7561, 70.5602

Square

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



47.4312, 54.7561, 55.6461



50.6373, 54.7561, 74.3053



56.9466, 54.7561, 63.7789



53.4766, 54.7561, 47.0096

Rectangle

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



47.4312, 54.7561, 55.6461



48.0083, 54.7561, 67.7884



56.9466, 54.7561, 63.7789



56.2998, 54.7561, 52.1358

Sweetspot

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



47.4327, 54.7584, 55.6473



90.6136, 97.8034, 104.6066



49.1628, 55.8275, 47.7206



19.2216, 20.8481, 22.2200



0.0000, 0.0000, 0.0000



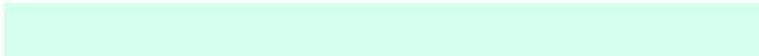
20.3446, 21.4041, 23.3091

Same Dimension

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



47.4327, 54.7584, 55.6473



77.6720, 91.4096, 91.4450



48.9034, 55.1655, 63.9503



11.3062, 12.6322, 13.1701



15.2595, 27.8491, 13.3173



0.8255, 1.4520, 0.8885

Inverse Universe

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



48.2722, 46.0329, 53.3571



79.3441, 74.0314, 86.8839



46.9380, 45.6478, 45.8729



11.4342, 11.3024, 12.8210



17.1224, 8.6596, 8.3633



0.9216, 0.4621, 0.6331

Previews

White Background



This preview shows how the XYZ color 47.4312, 54.7561, 55.6461 looks on a white background.

Color Contrast Check

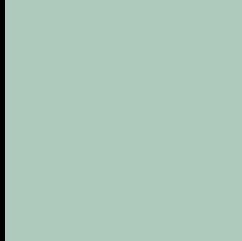
Large Text (above 18pt) WCAG AA × Fail

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 47.4312, 54.7561, 55.6461 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 47.4312, 54.7561, 55.6461

Background



This preview shows how black text looks on a background with the XYZ color 47.4312, 54.7561, 55.6461.



This preview shows how white text looks on a background with the XYZ color 47.4312, 54.7561,

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

47.4312, 54.7561, 55.6461

Protanopia

52.0309, 54.4618, 53.1173

Deuteranopia

55.6259, 54.6039, 56.8980



Tritanopia

50.6918, 54.7082, 71.5063

Trichromacy



Original Color

47.4312, 54.7561, 55.6461

Protanomaly

50.2091, 54.5117, 53.7744

Deuteranomaly

52.4055, 54.5806, 56.4882

Tritanomaly

49.3474, 54.4847, 65.6733

Monochromacy



Original Color

47.4312, 54.7561, 55.6461

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 47.4312, 54.7561, 55.6461 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(173, 202, 188)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 202, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 202, 188) }
```

Border

The CSS property to change the border of an element to XYZ 47.4312, 54.7561, 55.6461 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(173, 202, 188) }
```


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

```
.border{ border-color:rgb(173, 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(173, 202, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 202, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 202, 188);  
box-shadow:4px 4px 4px 4px rgb(173, 202,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4312, 54.7561, 55.6461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 202, 188) }
```

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

```
.background{ background-color: rgb(173,  
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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