

Converting Colors

XYZ(43.6178, 53.3752, 47.4927)

Have a look what the booklet for
XYZ(43.6178, 53.3752, 47.4927)
contains.

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Color

**XYZ(43.5967, 53.3061,
47.5265)**

Conversions

Conversions Part 1

Format	Color
Hex	A1CBAD
RGB	161, 203, 173
RGB Percent	63%, 80%, 68%
CMY	0.3686, 0.2039, 0.3216
CMYK	0.21, 0.00, 0.15, 0.20
HSL	137°, 29%, 71%
HSV	137°, 21%, 80%
XYZ	43.5967, 53.3061, 47.5265
YIQ	187.0220, -15.4020, -18.2340

Conversions

Conversions Part 2

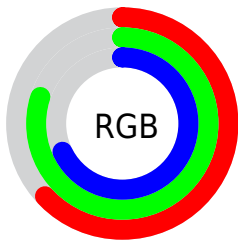
Format	Color
RYB	161, 194, 203
Decimal	10603437
CIELab	78.06, -19.81, 10.45
CIELCh	78, 22.395, 152.180
Yxy	53.3061, 0.3019, 0.3691
Android (android.graphics.Color)	4288793517 (0xFFA1CBAD)
YUV	187.0220, -6.9128, -22.8213
Hunter-Lab	73.0110, -21.1825, 12.5129

Details

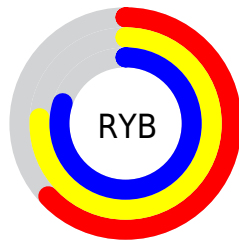
The XYZ color **43.5967, 53.3061, 47.5265** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.7793, 41.9491, 54.9239**, and the grayscale version is **47.2917, 49.7545, 54.1827**.

A 20% lighter version of the original color is **78.0825, 91.7204, 86.9872**, and **20.5053, 26.1266, 22.0513** is the 20% darker color. If you saturate the color by 10%, you get **38.5055, 50.8364, 40.3573**, and if you desaturate by 10%, it is **49.5074, 56.1836, 55.5313**.

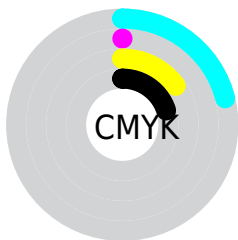
Distribution



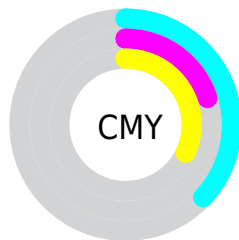
- Red (63%)
- Green (80%)
- Blue (68%)



- Red (63%)
- Yellow (76%)
- Blue (80%)



- Cyan (21%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)




- Cyan (37%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5967, 53.3061, 47.5265 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 43.5967, 53.3061, 47.5265 by changing the saturation by 10% instead.


 43.5967, 53.3061,
47.5265


 43.5967, 53.3061,
47.5265


351.9400,
399.4584, 393.3666

 30.5501, 38.0472,
33.0947


 79.8606, 95.0546,
87.8572

 20.4067, 26.0193,
21.9273


 103.8087,
122.3131, 114.5932

 12.8010, 16.8381,
13.6057


132.1213,
154.3401, 146.2677

 7.3677, 10.1191,
7.7113

165.1639,
191.5201, 183.2993

 3.7415, 5.4780,
3.8257

203.3016,
234.2376, 226.1064

 1.5569, 2.5304,
1.5302

246.9000,

 0.3641, 0.8918,

282.8769, 275.1076

0.2403

296.3244,
337.8223, 330.7215

■ 0.0000, 0.0000,
0.0000

■ 43.5967, 53.3061,
47.5265

■ 43.5967, 53.3061,
47.5265

■ 38.5055, 50.8364,
40.3573

■ 49.5074, 56.1836,
55.5313

■ 34.1924, 48.7493,
33.9932

■ 56.2676, 59.4795,
64.3939

■ 30.6193, 47.0273,
28.4069

■ 63.9112, 63.2121,
74.1401

■ 27.7428, 45.6485,
23.5684

■ 72.4690, 67.3969,
84.7935

■ 25.5148, 44.5889,
19.4453

■ 79.1555, 70.5974,
96.2452

■ 23.8809, 43.8210,
16.0034

■ 80.6470, 71.1940,
104.0990

■ 22.7769, 43.3127,
13.2051

■ 22.1207, 43.0194,
11.1406

Harmonies

Analogous

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



46.3243, 53.3061, 39.9747



43.5967, 53.3061, 47.5265



42.7300, 53.3061, 58.9609

Triad

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



43.5967, 53.3061, 47.5265



50.9859, 53.3061, 85.5396



58.1099, 53.3061, 46.1531

Complementary

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



43.5967, 53.3061, 47.5265



46.7793, 41.9491, 54.9239

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.



59.5280, 53.3061, 57.1313



43.5967, 53.3061, 47.5265



55.2706, 53.3061, 80.8658

Square

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



43.5967, 53.3061, 47.5265



46.8474, 53.3061, 82.0123



58.4606, 53.3061, 70.0027



54.6863, 53.3061, 39.2655

Rectangle

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



43.5967, 53.3061, 47.5265



43.2816, 53.3061, 67.6011



58.4606, 53.3061, 70.0027



58.8455, 53.3061, 49.4281

Sweetspot

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



43.5982, 53.3083, 47.5277



87.9334, 96.5288, 99.6420



49.3020, 56.3770, 42.0021



18.6625, 20.5837, 21.1188



0.0000, 0.0000, 0.0000



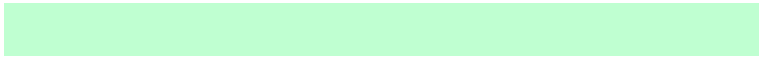
20.3446, 21.4041, 23.3091

Same Dimension

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



43.5982, 53.3083, 47.5277



68.8749, 87.2553, 73.8348



45.7820, 54.1819, 59.0274



11.1976, 12.5888, 12.5982



14.1111, 27.3897, 7.2701



0.7611, 1.4263, 0.5496

Inverse Universe

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



46.7793, 41.9491, 54.9239



75.1802, 64.7327, 88.4895



44.6402, 41.0934, 43.6598



11.5456, 11.3470, 13.4076



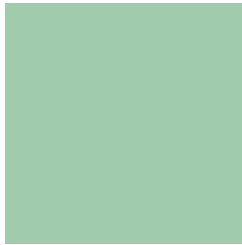
18.9670, 9.3974, 18.0770



1.0102, 0.4975, 1.0993

Previews

White Background



This preview shows how the XYZ color 43.5967, 53.3061, 47.5265 looks on a white background.

Color Contrast Check

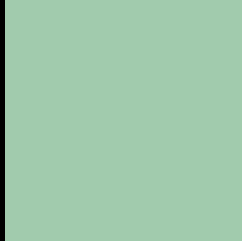
Large Text (above 18pt) WCAG AA × Fail

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 43.5967, 53.3061, 47.5265 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

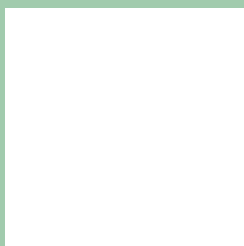
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5967, 53.3061, 47.5265

Background



This preview shows how black text looks on a background with the XYZ color 43.5967, 53.3061, 47.5265.



This preview shows how white text looks on a background with the XYZ color 43.5967, 53.3061,

47.5265.

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

43.5967, 53.3061, 47.5265

Protanopia

50.1818, 53.0459, 44.1532

Deuteranopia

54.1100, 53.0438, 48.9816



Tritanopia

48.1249, 53.0614, 70.6562

Trichromacy



Original Color

43.5967, 53.3061, 47.5265

Protanomaly

47.3949, 52.9092, 45.2506

Deuteranomaly

49.7121, 52.7042, 48.6271

Tritanomaly

46.1335, 52.9234, 61.2098

Monochromacy



Original Color

43.5967, 53.3061, 47.5265

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.8736, 50.9823, 51.6787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5967, 53.3061, 47.5265 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(161, 203, 173)` looks like.

```
.text, #text, p{  
    color:rgb(161, 203, 173)  
}
```

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(161, 203, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 203, 173) }
```

Border

The CSS property to change the border of an element to XYZ 43.5967, 53.3061, 47.5265 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(161, 203, 173) }
```


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

```
.border{ border-color:rgb(161, 203, 173) }
```

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

Here you see how a box with a 4 pixel rgb(161, 203, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 203, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 203, 173);  
box-shadow:4px 4px 4px 4px rgb(161, 203,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5967, 53.3061, 47.5265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 203, 173) }
```

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

```
.background{ background-color: rgb(161,  
203, 173) }
```

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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