

Converting Colors

XYZ(47.0331, 53.3134, 61.7278)

Have a look what the booklet for
XYZ(47.0331, 53.3134, 61.7278)
contains.

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Color

**XYZ(47.0944, 53.4054,
61.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C7C7
RGB	169, 199, 199
RGB Percent	66%, 78%, 78%
CMY	0.3372, 0.2196, 0.2196
CMYK	0.15, 0.00, 0.00, 0.22
HSL	180°, 21%, 72%
HSV	180°, 15%, 78%
XYZ	47.0944, 53.4054, 61.8590
YIQ	190.0300, -17.8800, -6.3600

Conversions

Conversions Part 2

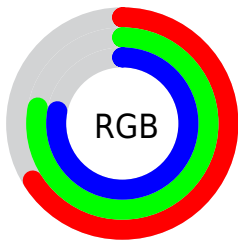
Format	Color
R_{YB}	169, 184, 199
Decimal	11126727
CIE _{Lab}	78.11, -10.01, -3.38
CIE _{LCh}	78, 10.566, 198.655
Yxy	53.4054, 0.2901, 0.3289
Android (android.graphics.Color)	4289316807 (0xFFA9C7C7)
YUV	190.0300, 4.4222, -18.4433
Hunter-Lab	73.0790, -12.8572, 0.9682

Details

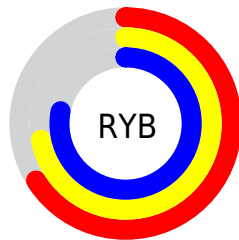
The XYZ color **47.0944, 53.4054, 61.8590** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.9045, 43.3840, 43.5456**, and the grayscale version is **48.9448, 51.4937, 56.0766**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **22.4387, 26.0081, 30.6255** is the 20% darker color. If you saturate the color by 10%, you get **43.1461, 51.3714, 61.6742**, and if you desaturate by 10%, it is **51.6956, 55.7788, 62.0766**.

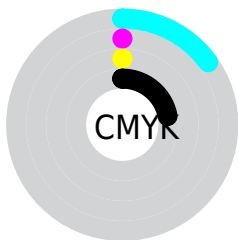
Distribution



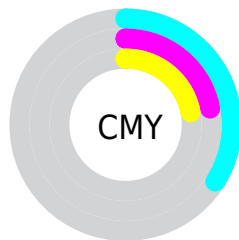
- Red (66%)
- Green (78%)
- Blue (78%)



- Red (66%)
- Yellow (72%)
- Blue (78%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (34%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0944, 53.4054, 61.8590 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 47.0944, 53.4054, 61.8590 by changing the saturation by 10% instead.

■ 47.0944, 53.4054,
61.8590

■ 47.0944, 53.4054,
61.8590

365.8338,
399.8385, 449.4100

■ 33.3185, 38.1265,
44.4837

■ 85.0724, 95.2006,
109.0913

■ 22.5310, 26.0809,
30.7110

■ 110.0053,
122.4858, 139.7855

■ 14.3664, 16.8842,
20.1223

139.3878,
154.5418, 175.7563

■ 8.4593, 10.1519,
12.2990

173.5855,
191.7530, 217.4224

■ 4.4445, 5.4998,
6.8226

212.9635,
234.5039, 265.2023

■ 1.9565, 2.5434,
3.2747

257.8874,

■ 0.6094, 0.8983,

283.1789, 319.5145

1.2365

308.7224,
338.1623, 380.7776

■ 0.0000, 0.0000,
0.0089

■ 0.0000, 0.0000,
0.0000

■ 47.0944, 53.4054,
61.8590

■ 47.0944, 53.4054,
61.8590

■ 43.1461, 51.3714,
61.6742

■ 51.6956, 55.7788,
62.0766

■ 39.8168, 49.6551,
61.5173

■ 56.9725, 58.4991,
62.3247

■ 37.0764, 48.2424,
61.3879

■ 62.9524, 61.5819,
62.6057

■ 34.8908, 47.1157,
61.2845

■ 69.6600, 65.0397,
62.9207

■ 33.2221, 46.2555,
61.2052

■ 71.9745, 66.2328,
63.0302

■ 32.0278, 45.6398,
61.1482

■ 71.9747, 66.2329,
63.0313

■ 31.2585, 45.2433,
61.1111

■ 71.9749, 66.2330,
63.0324

■ 30.8543, 45.0349,
61.0910

■ 71.9751, 66.2331,
63.0336

■ 30.7315, 44.9717,
61.0847

■ 71.9753, 66.2332,
63.0347

Harmonies

Analogous

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



46.9700, 53.4054, 55.9435



47.0944, 53.4054, 61.8590



48.1850, 53.4054, 67.1007

Triad

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



47.0944, 53.4054, 61.8590



53.7964, 53.4054, 65.9803



51.5444, 53.4054, 47.7084

Complementary

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



47.0944, 53.4054, 61.8590



44.9045, 43.3840, 43.5456

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.



53.4256, 53.4054, 50.0318



47.0944, 53.4054, 61.8590



54.7491, 53.4054, 60.4126

Square

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



47.0944, 53.4054, 61.8590



52.0395, 53.4054, 69.5890



54.6115, 53.4054, 54.5912



49.5021, 53.4054, 48.0376

Rectangle

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



47.0944, 53.4054, 61.8590



49.3303, 53.4054, 69.3837



54.6115, 53.4054, 54.5912



52.2176, 53.4054, 48.1983

Sweetspot

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



47.0959, 53.4076, 61.8602



90.5136, 97.6614, 108.6867



44.0561, 52.2041, 45.2914



19.2424, 20.8359, 23.2573



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.



47.0959, 53.4076, 61.8602



80.1321, 92.3096, 108.1982



43.9170, 47.0493, 60.8022



10.9467, 12.0676, 13.6696



19.7602, 28.9164, 39.2771



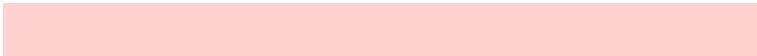
0.9357, 1.3692, 1.8598

Inverse Universe

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



44.9045, 43.3840, 43.5456



75.5866, 71.5186, 70.2100



47.7533, 49.0822, 44.4939



10.6339, 10.6370, 11.0556



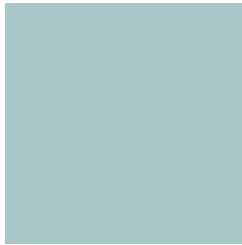
15.1453, 7.8077, 0.7092



0.7171, 0.3697, 0.0337

Previews

White Background



This preview shows how the XYZ color 47.0944, 53.4054, 61.8590 looks on a white background.

Color Contrast Check

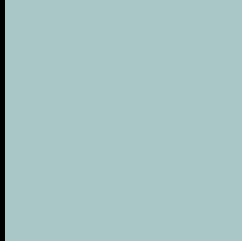
Large Text (above 18pt) WCAG AA × Fail

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 47.0944, 53.4054, 61.8590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

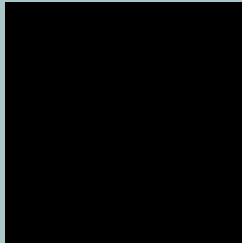
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

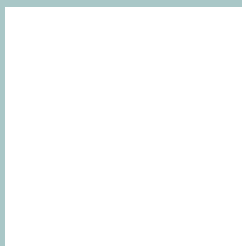
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.0944, 53.4054, 61.8590

Background



This preview shows how black text looks on a background with the XYZ color 47.0944, 53.4054, 61.8590.

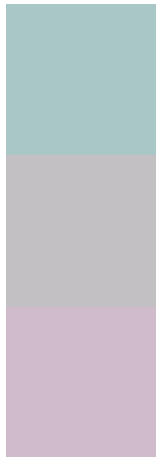


This preview shows how white text looks on a background with the XYZ color 47.0944, 53.4054,

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

47.0944, 53.4054, 61.8590

Protanopia

51.2056, 53.2415, 59.2076

Deuteranopia

54.0451, 53.0231, 62.6443



Tritanopia

48.9898, 53.5073, 70.6967

Trichromacy



Original Color

47.0944, 53.4054, 61.8590

Protanomaly

49.7286, 53.4548, 59.9214

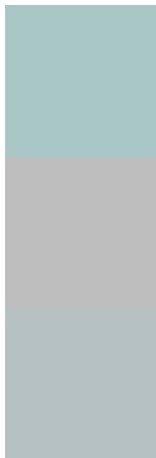
Deuteranomaly

51.0484, 52.7692, 62.1385

Tritanomaly

48.3738, 53.6002, 67.4708

Monochromacy



Original Color

47.0944, 53.4054, 61.8590

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

47.9870, 51.9353, 57.9474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0944, 53.4054, 61.8590 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(169, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(169, 199, 199)  
}
```

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(169, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 199, 199) }
```

Border

The CSS property to change the border of an element to XYZ 47.0944, 53.4054, 61.8590 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(169, 199, 199) }
```


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

```
.border{ border-color:rgb(169, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(169, 199,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0944, 53.4054, 61.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 199, 199) }
```

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

```
.background{ background-color: rgb(169,  
199, 199) }
```

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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