

Converting Colors

XYZ(42.9824, 47.0632, 54.0546)

Have a look what the booklet for
XYZ(42.9824, 47.0632, 54.0546)
contains.

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Color

**XYZ(43.1061, 47.2517,
53.8623)**

Conversions

Conversions Part 1

Format	Color
Hex	AABABB
RGB	170, 186, 187
RGB Percent	67%, 73%, 73%
CMY	0.3333, 0.2706, 0.2667
CMYK	0.09, 0.01, 0.00, 0.27
HSL	184°, 11%, 70%
HSV	184°, 9%, 73%
XYZ	43.1061, 47.2517, 53.8623
YIQ	181.3300, -9.8570, -3.0810

Conversions

Conversions Part 2

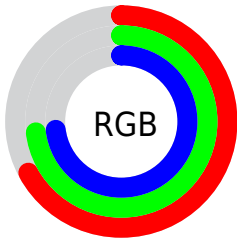
Format	Color
RYB	170, 178, 187
Decimal	11188923
CIELab	74.35, -5.29, -2.40
CIELCh	74, 5.808, 204.392
Yxy	47.2517, 0.2989, 0.3276
Android (android.graphics.Color)	4289379003 (0xFFAABABB)
YUV	181.3300, 2.7953, -9.9364
Hunter-Lab	68.7399, -8.3592, 1.6602

Details

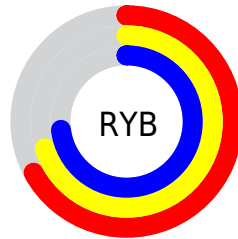
The XYZ color **43.1061, 47.2517, 53.8623** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.3124, 42.5927, 44.0221**, and the grayscale version is **44.0898, 46.3859, 50.5143**.

A 20% lighter version of the original color is **78.9811, 85.9829, 97.2276**, and **20.1618, 22.3478, 25.8052** is the 20% darker color. If you saturate the color by 10%, you get **39.1178, 44.8552, 53.6107**, and if you desaturate by 10%, it is **47.6739, 49.9522, 54.1435**.

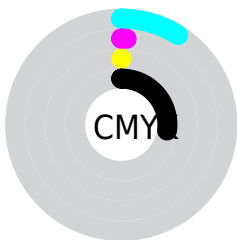
Distribution



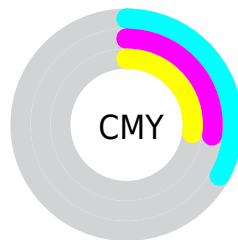
- Red (67%)
- Green (73%)
- Blue (73%)



- Red (67%)
- Yellow (70%)
- Blue (73%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1061, 47.2517, 53.8623 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 43.1061, 47.2517, 53.8623 by changing the saturation by 10% instead.

■ 43.1061, 47.2517,
53.8623

■ 43.1061, 47.2517,
53.8623

349.9620,
375.8183, 418.7445

■ 30.1633, 33.2347,
38.0992

■ 79.1257, 86.0892,
97.3264

■ 20.1112, 22.3063,
25.7572

102.9331,
111.6785, 125.8644

■ 12.5847, 14.0821,
16.4180

131.0927,
141.8940, 159.4978

■ 7.2182, 8.1778,
9.6629

163.9700,
177.1201, 198.6452

■ 3.6465, 4.2089,
5.0733

201.9302,
217.7411, 243.7250

■ 1.5041, 1.7911,
2.2309

245.3387,

■ 0.3286, 0.4816,

264.1416, 295.1557

0.6921

294.5609,
316.7059, 353.3561

■ 0.0000, 0.0000,
0.0000

■ 43.1061, 47.2517,
53.8623

■ 43.1061, 47.2517,
53.8623

■ 39.1178, 44.8552,
53.6107

■ 47.6739, 49.9522,
54.1435

■ 35.6809, 42.7442,
53.3844

■ 52.8399, 52.9624,
54.4523

■ 32.7708, 40.9075,
53.1832

■ 58.6269, 56.2954,
54.7906

■ 30.3595, 39.3305,
53.0059

■ 65.0554, 59.9618,
55.1595

■ 28.4165, 37.9976,
52.8510

■ 68.9474, 62.3232,
55.4101

■ 26.9080, 36.8912,
52.7170

■ 69.1884, 62.8050,
55.4904

■ 25.7955, 35.9916,
52.6020

■ 69.4311, 63.2905,
55.5714

■ 25.0338, 35.2754,
52.5039

■ 69.6756, 63.7796,
55.6529

■ 24.5422, 34.7011,
52.4190

■ 69.9220, 64.2723,
55.7350

Harmonies

Analogous

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



42.9412, 47.2517, 50.8887



43.1061, 47.2517, 53.8623



43.7516, 47.2517, 56.2708

Triad

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



43.1061, 47.2517, 53.8623



46.5648, 47.2517, 54.8728



45.1080, 47.2517, 45.9320

Complementary

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



43.1061, 47.2517, 53.8623



42.3124, 42.5927, 44.0221

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.



46.0914, 47.2517, 46.9109



43.1061, 47.2517, 53.8623



46.9408, 47.2517, 52.0135

Square

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



43.1061, 47.2517, 53.8623



45.7462, 47.2517, 56.8699



46.7663, 47.2517, 49.1090



44.0866, 47.2517, 46.3841

Rectangle

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



43.1061, 47.2517, 53.8623



44.3729, 47.2517, 57.1928



46.7663, 47.2517, 49.1090



45.4541, 47.2517, 46.1034

Sweetspot

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



43.1075, 47.2537, 53.8633



82.0194, 87.4844, 96.7647



41.6850, 47.0221, 45.3330



17.9151, 19.1788, 21.3002



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



43.1075, 47.2537, 53.8633



75.6289, 83.6896, 96.3691



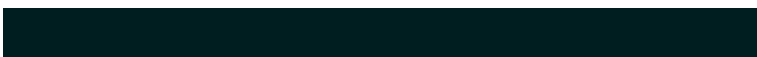
41.3988, 43.8364, 53.2938



9.7594, 10.7110, 12.2253



16.9001, 23.9118, 36.1176



0.6767, 0.9660, 1.4197

Inverse Universe

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



43.7322, 42.8603, 52.4246



76.9884, 74.1620, 93.2310



43.9403, 45.8486, 44.5647



9.9051, 9.6864, 11.8895



19.5311, 9.4436, 29.1542



0.7725, 0.3729, 1.1811

Previews

White Background



This preview shows how the XYZ color 43.1061, 47.2517, 53.8623 looks on a white background.

Color Contrast Check

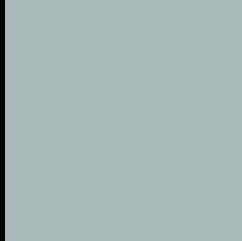
Large Text (above 18pt) WCAG AA × Fail

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 43.1061, 47.2517, 53.8623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

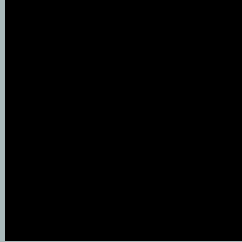
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

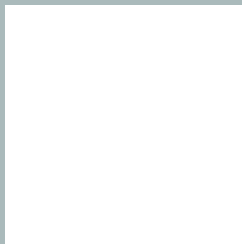
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1061, 47.2517, 53.8623

Background



This preview shows how black text looks on a background with the XYZ color 43.1061, 47.2517, 53.8623.

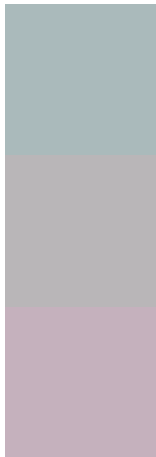


This preview shows how white text looks on a background with the XYZ color 43.1061, 47.2517,

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

43.1061, 47.2517, 53.8623

Protanopia

45.3873, 47.2309, 52.0717

Deuteranopia

47.9334, 46.9887, 54.6875



Tritanopia

44.4626, 47.1752, 60.7951

Trichromacy



Original Color

43.1061, 47.2517, 53.8623

Protanomaly

44.5128, 47.0731, 52.6389

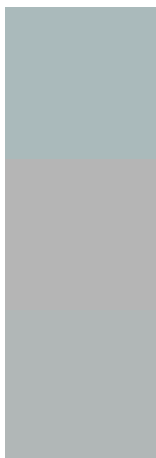
Deuteranomaly

45.8919, 46.8382, 54.1989

Tritanomaly

43.9939, 47.2960, 58.4401

Monochromacy



Original Color

43.1061, 47.2517, 53.8623

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.6122, 46.6330, 51.5022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1061, 47.2517, 53.8623 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(170, 186, 187)` looks like.

```
.text, #text, p{  
    color:rgb(170, 186, 187)  
}
```

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(170, 186, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 186, 187) }
```

Border

The CSS property to change the border of an element to XYZ 43.1061, 47.2517, 53.8623 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(170, 186, 187) }
```


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

```
.border{ border-color:rgb(170, 186, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 186, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 186, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 186, 187); box-shadow:4px 4px 4px 4px rgb(170, 186, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1061, 47.2517, 53.8623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 186, 187) }
```

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

```
.background{ background-color: rgb(170,  
186, 187) }
```

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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