

Converting Colors

XYZ(40.5200, 47.1871, 53.9861)

Have a look what the booklet for
XYZ(40.5200, 47.1871, 53.9861)
contains.

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Color

**XYZ(40.5200, 47.1871,
53.9861)**

Conversions

Conversions Part 1

Format	Color
Hex	99BEBB
RGB	153, 190, 187
RGB Percent	60%, 75%, 73%
CMY	0.4000, 0.2549, 0.2667
CMYK	0.19, 0.00, 0.02, 0.25
HSL	175°, 22%, 67%
HSV	175°, 19%, 75%
XYZ	40.5200, 47.1871, 53.9861
YIQ	178.5950, -21.0890, -8.7770

Conversions

Conversions Part 2

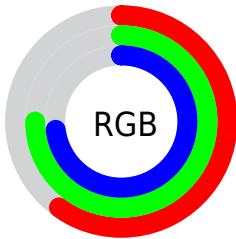
Format	Color
RYB	153, 172, 190
Decimal	10075835
CIELab	74.31, -12.95, -2.59
CIELCh	74, 13.210, 191.310
Yxy	47.1871, 0.2860, 0.3330
Android (android.graphics.Color)	4288265915 (0xFF99BEBB)
YUV	178.5950, 4.1437, -22.4468
Hunter-Lab	68.6929, -14.9204, 1.4887

Details

The XYZ color **40.5200, 47.1871, 53.9861** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.6289, 36.1313, 36.3926**, and the grayscale version is **42.6201, 44.8397, 48.8304**.

A 20% lighter version of the original color is **75.1459, 85.7925, 97.3930**, and **18.6156, 22.3793, 25.8927** is the 20% darker color. If you saturate the color by 10%, you get **37.0517, 45.4193, 52.9677**, and if you desaturate by 10%, it is **44.5639, 49.2539, 55.0427**.

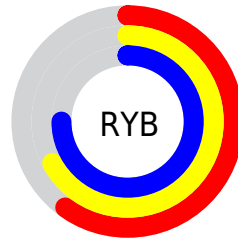
Distribution



Red (60%)

Green (75%)

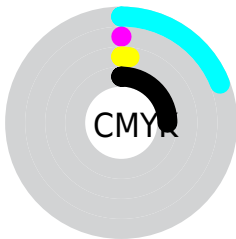
Blue (73%)



Red (60%)

Yellow (67%)

Blue (75%)

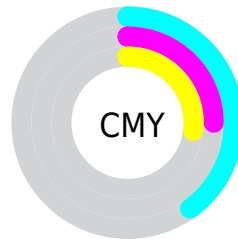


Cyan (19%)

Magenta (0%)

Yellow (2%)

Black (25%)



Cyan (40%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5200, 47.1871, 53.9861 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 40.5200, 47.1871, 53.9861 by changing the saturation by 10% instead.

■ 40.5200, 47.1871,
53.9861

■ 40.5200, 47.1871,
53.9861

339.4074,
375.5609, 419.2301

■ 28.1302, 33.1836,
38.1974

■ 75.2340, 85.9928,
97.5100

■ 18.5648, 22.2671,
25.8329

■ 98.2890, 111.5639,
126.0824

■ 11.4584, 14.0533,
16.4741

125.6297,
141.7595, 159.7531

■ 6.4456, 8.1578,
9.7023

157.6216,
176.9642, 198.9406

■ 3.1611, 4.1961,
5.0990

194.6299,
217.5622, 244.0635

■ 1.2395, 1.7838,
2.2457

237.0201,

■ 0.1372, 0.4771,

263.9381, 295.5404

0.7006

285.1575,
316.4762, 353.7898

■ 0.0000, 0.0000,
0.0000

■ 40.5200, 47.1871,
53.9861

■ 40.5200, 47.1871,
53.9861

■ 37.0517, 45.4193,
52.9677

■ 44.5639, 49.2539,
55.0427

■ 34.1278, 43.9308,
51.9829

■ 49.2045, 51.6268,
56.1355

■ 31.7207, 42.7084,
51.0316

■ 54.4667, 54.3200,
57.2668

■ 29.7984, 41.7358,
50.1121

■ 60.3730, 57.3450,
58.4375

■ 28.3255, 40.9947,
49.2228

■ 66.9448, 60.7129,
59.6487

■ 27.2618, 40.4643,
48.3617

■ 69.6469, 62.0856,
60.6882

■ 26.5599, 40.1202,
47.5267

■ 69.8236, 62.1563,
61.6189

■ 26.1320, 39.9171,
46.7135

■ 70.0022, 62.2278,
62.5592

■ 26.1115, 39.9075,
46.6711

■ 70.1826, 62.2999,
63.5091

Harmonies

Analogous

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



40.6623, 47.1871, 47.3012



40.5200, 47.1871, 53.9861



41.5069, 47.1871, 60.5033

Triad

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



40.5200, 47.1871, 53.9861



47.9320, 47.1871, 61.8404



46.3290, 47.1871, 39.9606

Complementary

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



40.5200, 47.1871, 53.9861



38.6289, 36.1313, 36.3926

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.



48.3678, 47.1871, 43.2210



40.5200, 47.1871, 53.9861



49.3156, 47.1871, 55.6841

Square

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



40.5200, 47.1871, 53.9861



45.7513, 47.1871, 65.2975



49.4778, 47.1871, 48.8567



43.9604, 47.1871, 39.5933

Rectangle

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



40.5200, 47.1871, 53.9861



42.6935, 47.1871, 63.7246



49.4778, 47.1871, 48.8567



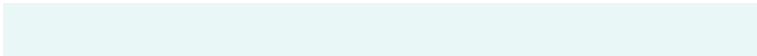
47.0778, 47.1871, 40.7402

Sweetspot

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



40.5214, 47.1890, 53.9872



83.4690, 90.6397, 100.4020



37.8911, 46.2051, 37.0593



18.2101, 19.8429, 22.0188



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



40.5214, 47.1890, 53.9872



70.8555, 84.1972, 97.1004



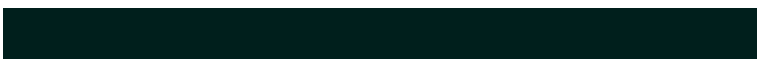
37.6816, 40.9896, 54.6432



9.7743, 10.7958, 12.0608



17.3757, 26.5405, 31.1047



0.6906, 1.0436, 1.2710

Inverse Universe

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



38.6289, 36.1313, 36.3926



66.8534, 60.8077, 59.8883



41.0663, 41.4081, 35.9660



9.5608, 9.5486, 10.0759



14.1918, 7.3079, 1.0376



0.5667, 0.2906, 0.0975

Previews

White Background



This preview shows how the XYZ color 40.5200, 47.1871, 53.9861 looks on a white background.

Color Contrast Check

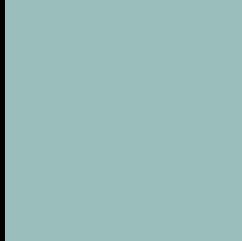
Large Text (above 18pt) WCAG AA × Fail

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 40.5200, 47.1871, 53.9861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

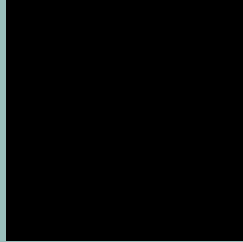
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

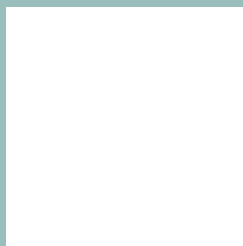
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.5200, 47.1871, 53.9861

Background



This preview shows how black text looks on a background with the XYZ color 40.5200, 47.1871, 53.9861.

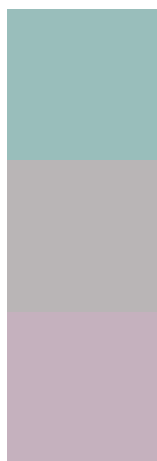


This preview shows how white text looks on a background with the XYZ color 40.5200, 47.1871,

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

40.5200, 47.1871, 53.9861

Protanopia

44.9750, 46.7394, 50.9071

Deuteranopia

48.0424, 47.0323, 55.2612



Tritanopia

42.4730, 47.3462, 63.4001

Trichromacy



Original Color

40.5200, 47.1871, 53.9861

Protanomaly

43.0258, 46.6259, 52.0794

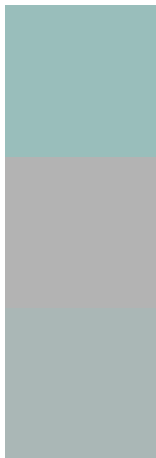
Deuteranomaly

44.9693, 46.9538, 54.8370

Tritanomaly

41.7932, 47.3950, 59.7687

Monochromacy



Original Color

40.5200, 47.1871, 53.9861

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.9545, 45.7904, 50.8832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5200, 47.1871, 53.9861 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(153, 190, 187)` looks like.

```
.text, #text, p{  
    color:rgb(153, 190, 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(153, 190, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 190, 187) }
```

Border

The CSS property to change the border of an element to XYZ 40.5200, 47.1871, 53.9861 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(153, 190, 187) }
```


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

```
.border{ border-color:rgb(153, 190, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 190, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 190, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 190, 187);  
box-shadow:4px 4px 4px 4px rgb(153, 190,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5200, 47.1871, 53.9861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 190, 187) }
```

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

```
.background{ background-color: rgb(153,  
190, 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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