

Converting Colors

XYZ(47.0283, 53.2120, 52.0015)

Have a look what the booklet for
XYZ(47.0283, 53.2120, 52.0015)
contains.

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Color

**XYZ(46.9977, 53.2305,
52.0534)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C6B6
RGB	178, 198, 182
RGB Percent	70%, 78%, 71%
CMY	0.3020, 0.2235, 0.2863
CMYK	0.10, 0.00, 0.08, 0.22
HSL	132°, 15%, 74%
HSV	132°, 10%, 78%
XYZ	46.9977, 53.2305, 52.0534
YIQ	190.1960, -6.7840, -9.2160

Conversions

Conversions Part 2

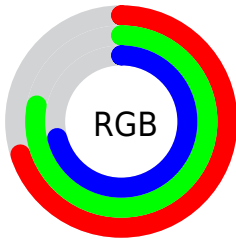
Format	Color
RYB	178, 195, 198
Decimal	11716278
CIELab	78.01, -9.84, 5.70
CIELCh	78, 11.372, 149.898
Yxy	53.2305, 0.3086, 0.3496
Android (android.graphics.Color)	4289906358 (0xFFB2C6B6)
YUV	190.1960, -4.0406, -10.6959
Hunter-Lab	72.9592, -12.6954, 8.7705

Details

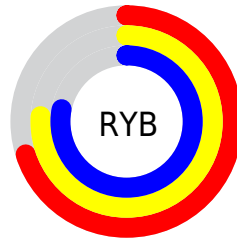
The XYZ color **46.9977, 53.2305, 52.0534** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.9487, 47.7430, 57.6770**, and the grayscale version is **49.0830, 51.6392, 56.2351**.

A 20% lighter version of the original color is **85.1243, 95.1855, 94.7750**, and **22.3932, 25.8915, 24.5862** is the 20% darker color. If you saturate the color by 10%, you get **41.2329, 50.4387, 43.7160**, and if you desaturate by 10%, it is **53.6065, 56.4390, 61.3993**.

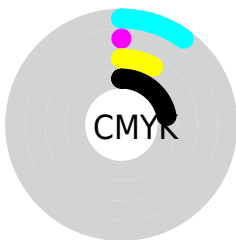
Distribution



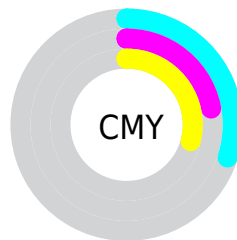
- Red (70%)
- Green (78%)
- Blue (71%)



- Red (70%)
- Yellow (76%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.9977, 53.2305, 52.0534 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 46.9977, 53.2305, 52.0534 by changing the saturation by 10% instead.

■ 46.9977, 53.2305,
52.0534

■ 46.9977, 53.2305,
52.0534

365.4544,
399.1688, 411.6055

■ 33.2418, 37.9868,
36.6651

■ 84.9290, 94.9435,
94.6374

■ 22.4718, 25.9725,
24.6546

109.8350,
122.1815, 122.6701

■ 14.3226, 16.8030,
15.6032

139.1884,
154.1865, 155.7548

■ 8.4285, 10.0942,
9.0925

173.3547,
191.3428, 194.3099

■ 4.4245, 5.4614,
4.7039

212.6990,
234.0347, 238.7540

■ 1.9450, 2.5205,
2.0189

257.5869,

■ 0.6028, 0.8869,

282.6468, 289.5056

0.5669

308.3835,
337.5634, 346.9833

■ 0.0000, 0.0000,
0.0000

■ 46.9977, 53.2305,
52.0534

■ 46.9977, 53.2305,
52.0534

■ 41.2329, 50.4387,
43.7160

■ 53.6065, 56.4390,
61.3993

■ 36.2735, 48.0400,
36.3500

■ 61.0870, 60.0732,
71.7823

■ 32.0846, 46.0185,
29.9210

■ 69.4710, 64.1506,
83.2341

■ 28.6268, 44.3547,
24.3913

■ 77.9724, 68.2651,
95.7460

■ 25.8574, 43.0276,
19.7207

■ 79.4851, 68.8701,
103.7117

■ 23.7290, 42.0134,
15.8660

■ 22.1879, 41.2857,
12.7800

■ 21.1716, 40.8131,
10.4107

■ 20.5712, 40.5406,
8.7124

Harmonies

Analogous

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



48.5004, 53.2305, 48.0137



46.9977, 53.2305, 52.0534



46.4529, 53.2305, 57.9372

Triad

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



46.9977, 53.2305, 52.0534



50.5864, 53.2305, 71.0337



54.3772, 53.2305, 52.0885

Complementary

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



46.9977, 53.2305, 52.0534



48.9487, 47.7430, 57.6770

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.



54.9742, 53.2305, 57.9808



46.9977, 53.2305, 52.0534



52.7470, 53.2305, 69.1907

Square

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



46.9977, 53.2305, 52.0534



48.4876, 53.2305, 69.1662



54.3692, 53.2305, 64.2951



52.7605, 53.2305, 48.0329

Rectangle

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



46.9977, 53.2305, 52.0534



46.6935, 53.2305, 62.2107



54.3692, 53.2305, 64.2951



54.7058, 53.2305, 53.9055

Sweetspot

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



46.9992, 53.2328, 52.0546



91.3215, 98.1899, 103.6636



50.5659, 55.1186, 50.0941



19.3384, 20.9157, 21.8949



0.0000, 0.0000, 0.0000



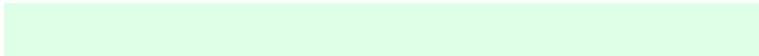
20.3446, 21.4041, 23.3091

Same Dimension

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



46.9992, 53.2328, 52.0546



80.9805, 93.1737, 88.9617



48.0334, 53.6465, 57.5009



10.5827, 11.9220, 11.7530



13.4022, 26.3732, 5.7963



0.6609, 1.2593, 0.4132

Inverse Universe

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



48.9487, 47.7430, 57.6770



85.0836, 81.6187, 100.7949



47.8975, 47.3226, 52.1419



10.9887, 10.7789, 12.9237



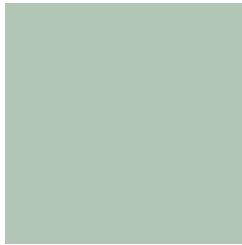
19.2126, 9.4346, 22.1272



0.9335, 0.4562, 1.1730

Previews

White Background



This preview shows how the XYZ color 46.9977, 53.2305, 52.0534 looks on a white background.

Color Contrast Check

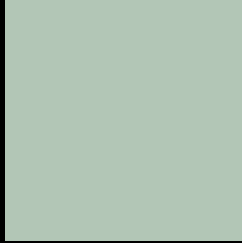
Large Text (above 18pt) WCAG AA × Fail

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 46.9977, 53.2305, 52.0534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

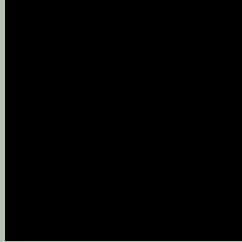
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.9977, 53.2305, 52.0534

Background



This preview shows how black text looks on a background with the XYZ color 46.9977, 53.2305, 52.0534.



This preview shows how white text looks on a background with the XYZ color 46.9977, 53.2305,

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

46.9977, 53.2305, 52.0534

Protanopia

50.5395, 53.0961, 50.2327

Deuteranopia

53.9422, 52.8746, 52.7102



Tritanopia

50.0918, 53.1321, 67.9370

Trichromacy



Original Color

46.9977, 53.2305, 52.0534

Protanomaly

49.0159, 52.9552, 50.8180

Deuteranomaly

51.0481, 52.6633, 52.2743

Tritanomaly

48.8800, 52.9775, 61.6823

Monochromacy



Original Color

46.9977, 53.2305, 52.0534

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.2893, 52.1669, 54.5378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9977, 53.2305, 52.0534 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(178, 198, 182)` looks like.

```
.text, #text, p{  
    color:rgb(178, 198, 182)  
}
```

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(178, 198, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 198, 182) }
```

Border

The CSS property to change the border of an element to XYZ 46.9977, 53.2305, 52.0534 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(178, 198, 182) }
```


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

```
.border{ border-color:rgb(178, 198, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 198, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 198, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 198, 182);  
box-shadow:4px 4px 4px 4px rgb(178, 198,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9977, 53.2305, 52.0534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 198, 182) }
```

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

```
.background{ background-color: rgb(178,  
198, 182) }
```

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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