

Converting Colors

XYZ(47.5105, 53.8410, 50.5307)

Have a look what the booklet for
XYZ(47.5105, 53.8410, 50.5307)
contains.

XYZ(47.6162, 53.9253, 50.5468)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.6162, 53.9253,
50.5468)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C7B3
RGB	181, 199, 179
RGB Percent	71%, 78%, 70%
CMY	0.2902, 0.2196, 0.2980
CMYK	0.09, 0.00, 0.10, 0.22
HSL	114°, 15%, 74%
HSV	114°, 10%, 78%
XYZ	47.6162, 53.9253, 50.5468
YIQ	191.3380, -4.3080, -10.0360

Conversions

Conversions Part 2

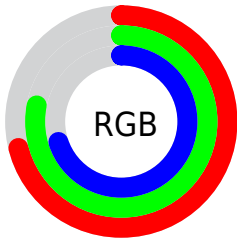
Format	Color
R_{YB}	179, 199, 197
Decimal	11913139
CIE Lab	78.42, -9.87, 7.93
CIE LCh	78, 12.658, 141.213
Yxy	53.9253, 0.3131, 0.3546
Android (android.graphics.Color)	4290103219 (0xFFB5C7B3)
YUV	191.3380, -6.0826, -9.0664
Hunter-Lab	73.4338, -12.7657, 10.5925

Details

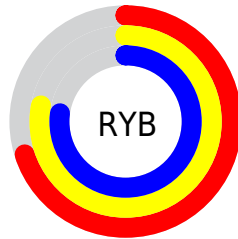
The XYZ color **47.6162, 53.9253, 50.5468** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4569, 48.2355, 60.7393**, and the grayscale version is **49.7547, 52.3458, 57.0046**.

A 20% lighter version of the original color is **85.6804, 95.5227, 92.5191**, and **22.7934, 26.3464, 23.6227** is the 20% darker color. If you saturate the color by 10%, you get **41.8140, 51.1517, 40.5163**, and if you desaturate by 10%, it is **54.2518, 57.0980, 62.1348**.

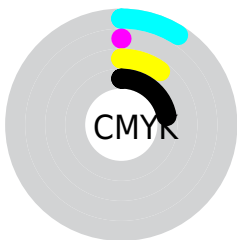
Distribution



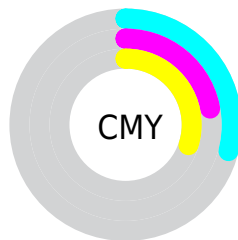
- Red (71%)
- Green (78%)
- Blue (70%)



- Red (70%)
- Yellow (78%)
- Blue (77%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6162, 53.9253, 50.5468 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 47.6162, 53.9253, 50.5468 by changing the saturation by 10% instead.

■ 47.6162, 53.9253,
50.5468

■ 47.6162, 53.9253,
50.5468

367.8768,
401.8251, 405.5966

■ 33.7330, 38.5419,
35.4738

■ 85.8458, 95.9646,
92.3891

■ 22.8505, 26.4036,
23.7416

110.9230,
123.3892, 119.9956

■ 14.6032, 17.1258,
14.9317

140.4623,
155.5965, 152.6170

■ 8.6259, 10.3242,
8.6253

174.8289,
192.9707, 190.6718

■ 4.5531, 5.6145,
4.4042

214.3884,
235.8963, 234.5787

■ 2.0196, 2.6121,
1.8496

259.5059,

■ 0.6449, 0.9327,

284.7576, 284.7561

0.4604

310.5469,
339.9391, 341.6225

■ 0.0000, 0.0000,
0.0000

■ 47.6162, 53.9253,
50.5468

■ 47.6162, 53.9253,
50.5468

■ 41.8140, 51.1517,
40.5163

■ 54.2518, 57.0980,
62.1348

■ 36.8081, 48.7550,
31.9737

■ 61.7474, 60.6777,
75.3391

■ 32.5648, 46.7208,
24.8491

■ 70.1338, 64.6803,
90.2195

■ 29.0465, 45.0314,
19.0658

■ 78.8534, 68.8850,
103.7479

■ 26.2126, 43.6677,
14.5399

■ 79.7145, 69.3290,
103.7882

■ 24.0180, 42.6085,
11.1779

■ 22.4124, 41.8301,
8.8734

■ 21.3378, 41.3054,
7.5005

■ 20.7108, 40.9966,
6.8216

Harmonies

Analogous

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



49.5433, 53.9253, 46.8502



47.6162, 53.9253, 50.5468



46.6719, 53.9253, 56.6480

Triad

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



47.6162, 53.9253, 50.5468



50.5273, 53.9253, 73.3180



55.8433, 53.9253, 53.8976

Complementary

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



47.6162, 53.9253, 50.5468



49.4569, 48.2355, 60.7393

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.



56.1274, 53.9253, 60.8327



47.6162, 53.9253, 50.5468



53.0044, 53.9253, 72.4318

Square

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



47.6162, 53.9253, 50.5468



48.3165, 53.9253, 70.0519



55.0733, 53.9253, 67.7200



54.3089, 53.9253, 48.6733

Rectangle

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



47.6162, 53.9253, 50.5468



46.7049, 53.9253, 61.4194



55.0733, 53.9253, 67.7200



56.0901, 53.9253, 56.0921

Sweetspot

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



47.6177, 53.9276, 50.5480



91.3547, 98.2345, 102.4254



51.6585, 55.3319, 50.6061



19.3473, 20.9276, 21.5623



0.0000, 0.0000, 0.0000



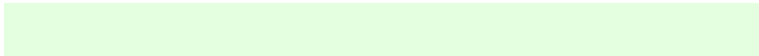
20.3446, 21.4041, 23.3091

Same Dimension

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



47.6177, 53.9276, 50.5480



81.0925, 93.3292, 84.5461



47.9852, 54.0208, 54.9132



10.5942, 11.9378, 11.3086



13.3519, 26.3784, 4.3878



0.6665, 1.2667, 0.2094

Inverse Universe

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



49.4569, 48.2355, 60.7393



84.9367, 81.4310, 105.8488



49.0791, 48.1453, 55.9984



10.9746, 10.7607, 13.4161



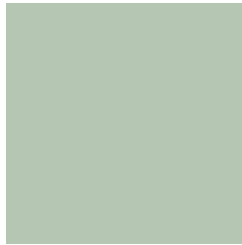
18.6406, 8.8439, 35.4689



0.9136, 0.4347, 1.6809

Previews

White Background



This preview shows how the XYZ color 47.6162, 53.9253, 50.5468 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 47.6162, 53.9253, 50.5468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

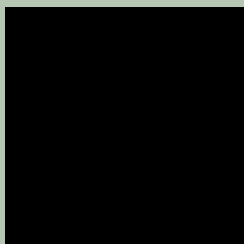
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

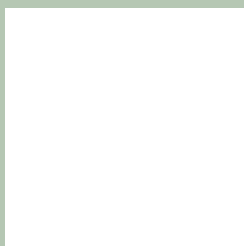
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.6162, 53.9253, 50.5468

Background



This preview shows how black text looks on a background with the XYZ color 47.6162, 53.9253, 50.5468.



This preview shows how white text looks on a background with the XYZ color 47.6162, 53.9253, 50.5468.

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

47.6162, 53.9253, 50.5468

Protanopia

50.9938, 53.6920, 48.7502

Deuteranopia

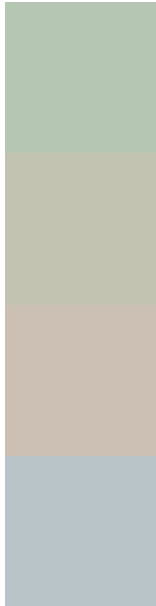
54.7261, 53.6286, 51.1830



Tritanopia

51.1743, 53.6758, 68.6361

Trichromacy



Original Color

47.6162, 53.9253, 50.5468

Protanomaly

49.6991, 53.6739, 49.3356

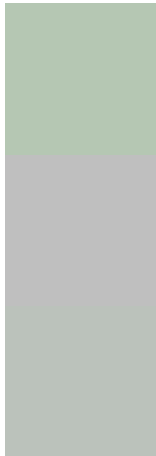
Deuteranomaly

51.7709, 53.3943, 50.7575

Tritanomaly

49.8159, 53.7937, 61.7905

Monochromacy



Original Color

47.6162, 53.9253, 50.5468

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.7549, 52.7362, 54.6232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6162, 53.9253, 50.5468 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(181, 199, 179)` looks like.

```
.text, #text, p{  
    color:rgb(181, 199, 179)  
}
```

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(181, 199, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 199, 179) }
```

Border

The CSS property to change the border of an element to XYZ 47.6162, 53.9253, 50.5468 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(181, 199, 179) }
```


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

```
.border{ border-color:rgb(181, 199, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 199, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 199, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 199, 179);  
box-shadow:4px 4px 4px 4px rgb(181, 199,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6162, 53.9253, 50.5468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 199, 179) }
```

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

```
.background{ background-color: rgb(181,  
199, 179) }
```

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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