

Converting Colors

XYZ(47.5184, 51.5317, 53.0760)

Have a look what the booklet for
XYZ(47.5184, 51.5317, 53.0760)
contains.

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Color

**XYZ(47.6142, 51.5163,
53.3331)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C0B9
RGB	185, 192, 185
RGB Percent	73%, 75%, 73%
CMY	0.2745, 0.2470, 0.2745
CMYK	0.04, 0.00, 0.04, 0.25
HSL	120°, 5%, 74%
HSV	120°, 4%, 75%
XYZ	47.6142, 51.5163, 53.3331
YIQ	189.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

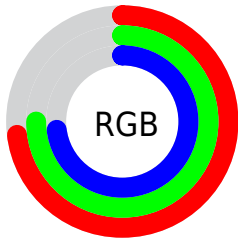
Format	Color
RYB	185, 192, 192
Decimal	12173497
CIELab	76.99, -3.72, 2.67
CIELCh	77, 4.581, 144.293
Yxy	51.5163, 0.3123, 0.3379
Android (android.graphics.Color)	4290363577 (0xFFB9C0B9)
YUV	189.1090, -2.0257, -3.6036
Hunter-Lab	71.7749, -7.1922, 6.1863

Details

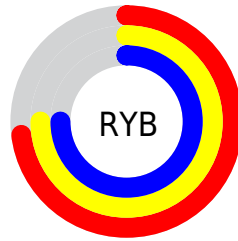
The XYZ color **47.6142, 51.5163, 53.3331** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.6035, 49.7115, 56.9053**, and the grayscale version is **48.4454, 50.9683, 55.5045**.

A 20% lighter version of the original color is **85.7202, 92.1864, 96.4949**, and **22.9132, 25.0367, 25.4547** is the 20% darker color. If you saturate the color by 10%, you get **41.3995, 48.5326, 43.1666**, and if you desaturate by 10%, it is **54.7311, 54.9364, 64.9729**.

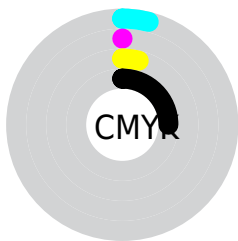
Distribution



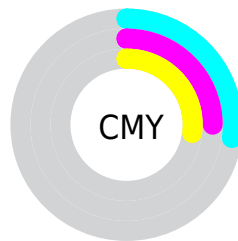
- Red (73%)
- Green (75%)
- Blue (73%)



- Red (73%)
- Yellow (75%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (27%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6142, 51.5163, 53.3331 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 47.6142, 51.5163, 53.3331 by changing the saturation by 10% instead.

■ 47.6142, 51.5163,
53.3331

■ 47.6142, 51.5163,
53.3331

367.8690,
392.5664, 416.6643

■ 33.7314, 36.6197,
37.6792

■ 85.8429, 92.4175,
96.5408

■ 22.8493, 24.9132,
25.4339

110.9195,
119.1908, 124.9318

■ 14.6023, 16.0124,
16.1787

140.4582,
150.6919, 158.4055

■ 8.6253, 9.5329,
9.4949

174.8242,
187.3050, 197.3805

■ 4.5527, 5.0904,
4.9642

214.3829,
229.4147, 242.2753

■ 2.0193, 2.3004,
2.1679

259.4997,

■ 0.6448, 0.7739,

277.4052, 293.5085

0.6558

310.5399,
331.6610, 351.4987

■ 0.0000, 0.0000,
0.0000

■ 47.6142, 51.5163,
53.3331

■ 47.6142, 51.5163,
53.3331

■ 41.3995, 48.5326,
43.1666

■ 54.7311, 54.9364,
64.9729

■ 36.0469, 45.9615,
34.4115

■ 62.7797, 58.8026,
78.1378

■ 31.5197, 43.7868,
27.0063

■ 71.7934, 63.1323,
92.8813

■ 27.7767, 41.9889,
20.8840

■ 78.1406, 66.1812,
103.2635

■ 24.7735, 40.5463,
15.9717

■ 22.4611, 39.4355,
12.1893

■ 20.7844, 38.6301,
9.4468

■ 19.6804, 38.0998,
7.6408

■ 19.0726, 37.8078,
6.6467

Harmonies

Analogous

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



48.2773, 51.5163, 51.8237



47.6142, 51.5163, 53.3331



47.3133, 51.5163, 55.6158

Triad

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



47.6142, 51.5163, 53.3331



48.7980, 51.5163, 61.0136



50.5107, 51.5163, 54.1378

Complementary

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



47.6142, 51.5163, 53.3331



48.6035, 49.7115, 56.9053

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.



50.6541, 51.5163, 56.5719



47.6142, 51.5163, 53.3331



49.6586, 51.5163, 60.5895

Square

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



47.6142, 51.5163, 53.3331



47.9915, 51.5163, 60.0876



50.3405, 51.5163, 58.9455



49.9510, 51.5163, 52.2785

Rectangle

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



47.6142, 51.5163, 53.3331



47.3559, 51.5163, 57.2878



50.3405, 51.5163, 58.9455



50.6095, 51.5163, 54.9139

Sweetspot

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



47.6156, 51.5185, 53.3342



89.5044, 94.8964, 101.9199



49.3470, 52.4111, 53.4152



19.2154, 20.3650, 21.8877



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.



47.6156, 51.5185, 53.3342



85.7711, 93.1031, 95.8135



47.9900, 51.6682, 55.3053



10.6188, 11.5827, 11.8139



12.6838, 25.3676, 4.2280



0.5480, 1.0961, 0.1827

Inverse Universe

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



48.6035, 49.7115, 56.9053



87.7600, 89.4650, 103.0032



48.2200, 49.5581, 54.8859



10.9040, 11.0609, 12.8451



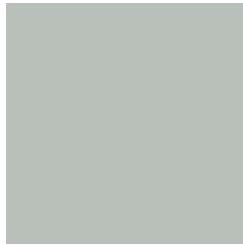
21.0296, 10.1016, 34.3974



0.9086, 0.4365, 1.4862

Previews

White Background



This preview shows how the XYZ color 47.6142, 51.5163, 53.3331 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 47.6142, 51.5163, 53.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

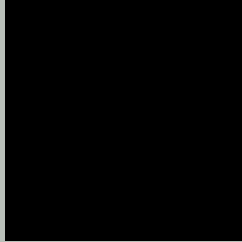
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6142, 51.5163, 53.3331

Background



This preview shows how black text looks on a background with the XYZ color 47.6142, 51.5163, 53.3331.



This preview shows how white text looks on a background with the XYZ color 47.6142, 51.5163,

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

47.6142, 51.5163, 53.3331

Protanopia

49.2505, 51.4162, 52.1283

Deuteranopia

52.4046, 51.4241, 54.1775



Tritanopia

49.8357, 51.4462, 64.4302

Trichromacy



Original Color

47.6142, 51.5163, 53.3331

Protanomaly

48.5510, 51.3640, 52.7027

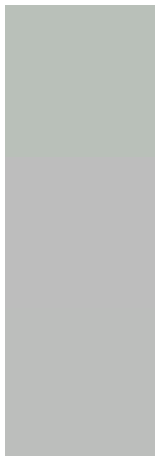
Deuteranomaly

50.4527, 51.3652, 53.7097

Tritanomaly

48.9850, 51.4229, 60.1672

Monochromacy



Original Color

47.6142, 51.5163, 53.3331

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.2296, 51.1491, 54.9077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6142, 51.5163, 53.3331 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(185, 192, 185)` looks like.

```
.text, #text, p{  
    color:rgb(185, 192, 185)  
}
```

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(185, 192, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 192, 185) }
```

Border

The CSS property to change the border of an element to XYZ 47.6142, 51.5163, 53.3331 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(185, 192, 185) }
```


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

```
.border{ border-color:rgb(185, 192, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 192, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 192, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 192, 185);  
box-shadow:4px 4px 4px 4px rgb(185, 192,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6142, 51.5163, 53.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 192, 185) }
```

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

```
.background{ background-color: rgb(185,  
192, 185) }
```

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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