

Converting Colors

XYZ(46.3564, 50.3159, 48.8656)

Have a look what the booklet for
XYZ(46.3564, 50.3159, 48.8656)
contains.

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Color

**XYZ(46.3569, 50.3155,
48.8636)**

Conversions

Conversions Part 1

Format	Color
Hex	B9BEB1
RGB	185, 190, 177
RGB Percent	73%, 75%, 69%
CMY	0.2745, 0.2549, 0.3059
CMYK	0.03, 0.00, 0.07, 0.25
HSL	83°, 9%, 72%
HSV	83°, 7%, 75%
XYZ	46.3569, 50.3155, 48.8636
YIQ	187.0230, 1.1930, -5.1030

Conversions

Conversions Part 2

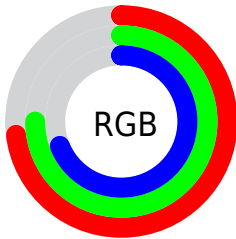
Format	Color
RYB	177, 190, 182
Decimal	12172977
CIELab	76.26, -4.11, 5.95
CIELCh	76, 7.231, 124.612
Yxy	50.3155, 0.3185, 0.3457
Android (android.graphics.Color)	4290363057 (0xFFB9BEB1)
YUV	187.0230, -4.9413, -1.7742
Hunter-Lab	70.9334, -7.4789, 8.8105

Details

The XYZ color **46.3569, 50.3155, 48.8636** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.3097, 45.1084, 55.0892**, and the grayscale version is **47.2748, 49.7367, 54.1633**.

A 20% lighter version of the original color is **83.9394, 90.4955, 90.1341**, and **22.0995, 24.2521, 22.5851** is the 20% darker color. If you saturate the color by 10%, you get **42.8753, 48.7259, 39.4935**, and if you desaturate by 10%, it is **50.1958, 52.0617, 59.6290**.

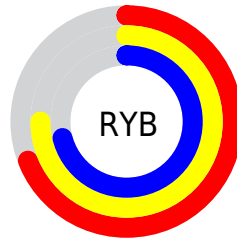
Distribution



Red (73%)

Green (75%)

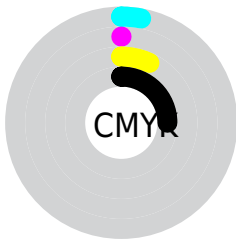
Blue (69%)



Red (69%)

Yellow (75%)

Blue (71%)

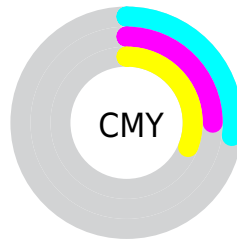


Cyan (3%)

Magenta (0%)

Yellow (7%)

Black (25%)



Cyan (27%)

Magenta (25%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3569, 50.3155, 48.8636 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 46.3569, 50.3155, 48.8636 by changing the saturation by 10% instead.

■ 46.3569, 50.3155,
48.8636

■ 46.3569, 50.3155,
48.8636

362.9336,
387.8985, 398.8121

■ 32.7334, 35.6641,
34.1465

■ 83.9775, 90.6422,
89.8677

■ 22.0805, 24.1749,
22.7279

108.7052,
117.0863, 116.9918

■ 14.0330, 15.4634,
14.1893

137.8651,
148.2301, 149.0886

■ 8.2255, 9.1453,
8.1122

171.8224,
184.4580, 186.5766

■ 4.2926, 4.8361,
4.0780

210.9426,
226.1544, 229.8744

■ 1.8690, 2.1514,
1.6682

255.5909,

■ 0.5587, 0.6933,

273.7036, 279.4006

0.3388

306.1328,
327.4902, 335.5736

■ 0.0000, 0.0000,
0.0000

■ 46.3569, 50.3155,
48.8636

■ 46.3569, 50.3155,
48.8636

■ 42.8753, 48.7259,
39.4935

■ 50.1958, 52.0617,
59.6290

■ 39.7345, 47.2814,
31.4583

■ 54.3992, 53.9627,
71.8403

■ 36.9230, 45.9787,
24.6981

■ 58.9796, 56.0253,
85.5494

■ 34.4270, 44.8123,
19.1470

■ 63.9474, 58.2538,
100.8049

■ 32.2313, 43.7758,
14.7333

■ 66.4524, 59.5082,
102.5916

■ 30.3194, 42.8625,
11.3777

■ 68.7346, 60.6847,
102.6984

■ 28.6729, 42.0648,
8.9908

■ 71.1150, 61.9119,
102.8098

■ 27.2703, 41.3739,
7.4683

■ 73.5949, 63.1903,
102.9258

■ 26.0832, 40.7784,
6.6685

■ 76.1752, 64.5205,
103.0466

Harmonies

Analogous

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



47.6139, 50.3155, 47.6707



46.3569, 50.3155, 48.8636



45.5052, 50.3155, 51.6440

Triad

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



46.3569, 50.3155, 48.8636



46.7137, 50.3155, 61.8153



50.4709, 50.3155, 54.1865

Complementary

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



46.3569, 50.3155, 48.8636



44.3097, 45.1084, 55.0892

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.



50.2190, 50.3155, 58.0509



46.3569, 50.3155, 48.8636



48.0334, 50.3155, 62.5741

Square

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



46.3569, 50.3155, 48.8636



45.7084, 50.3155, 59.1391



49.3205, 50.3155, 61.1665



50.0026, 50.3155, 50.6501

Rectangle

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



46.3569, 50.3155, 48.8636



45.2730, 50.3155, 54.0865



49.3205, 50.3155, 61.1665



50.4677, 50.3155, 55.4895

Sweetspot

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



46.3583, 50.3177, 48.8647



87.2677, 92.6637, 97.6085



45.8973, 47.5722, 48.3591



19.1787, 20.3551, 21.4773



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.



46.3583, 50.3177, 48.8647



83.1565, 90.7921, 86.2222



44.8297, 49.5296, 48.7932



9.9570, 10.9323, 10.1620



17.2024, 27.0440, 4.3134



0.7448, 1.0959, 0.1723

Inverse Universe

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



44.3097, 45.1084, 55.0892



78.7846, 79.6752, 99.5056



45.8765, 45.9161, 55.1625



9.3543, 9.3995, 11.9935



8.0943, 3.4588, 32.6339



0.3906, 0.1734, 1.2817

Previews

White Background



This preview shows how the XYZ color 46.3569, 50.3155, 48.8636 looks on a white background.

Color Contrast Check

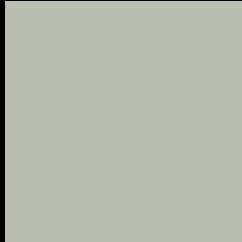
Large Text (above 18pt) WCAG AA × Fail

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 46.3569, 50.3155, 48.8636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

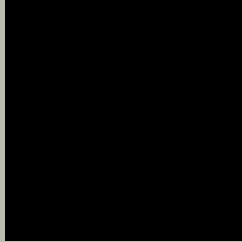
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

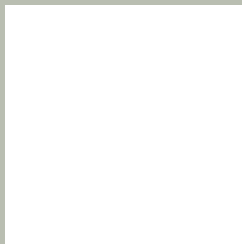
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.3569, 50.3155, 48.8636

Background



This preview shows how black text looks on a background with the XYZ color 46.3569, 50.3155, 48.8636.



This preview shows how white text looks on a background with the XYZ color 46.3569, 50.3155,

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

46.3569, 50.3155, 48.8636

Protanopia

47.7563, 50.1051, 47.7117

Deuteranopia

51.4430, 50.4122, 49.6670



Tritanopia

49.0878, 50.1537, 62.3518

Trichromacy



Original Color

46.3569, 50.3155, 48.8636

Protanomaly

47.3056, 50.1774, 48.2662

Deuteranomaly

49.4722, 50.3298, 49.2266

Tritanomaly

48.0238, 50.0378, 56.9963

Monochromacy



Original Color

46.3569, 50.3155, 48.8636

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.7802, 49.8244, 51.9512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3569, 50.3155, 48.8636 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, 190, 177)` looks like.

```
.text, #text, p{  
    color:rgb(185, 190, 177)  
}
```

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, 190, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 190, 177) }
```

Border

The CSS property to change the border of an element to XYZ 46.3569, 50.3155, 48.8636 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, 190, 177) }
```


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

```
.border{ border-color:rgb(185, 190, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 190, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 190, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 190, 177); box-shadow:4px 4px 4px 4px rgb(185, 190, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3569, 50.3155, 48.8636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 190, 177) }
```

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

```
.background{ background-color: rgb(185,  
190, 177) }
```

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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