

Converting Colors

XYZ(48.6328, 50.5456, 48.2673)

Have a look what the booklet for
XYZ(48.6328, 50.5456, 48.2673)
contains.

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Color

**XYZ(48.6328, 50.5456,
48.2673)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BBB0
RGB	197, 187, 176
RGB Percent	77%, 73%, 69%
CMY	0.2274, 0.2666, 0.3098
CMYK	0.00, 0.05, 0.11, 0.23
HSL	31°, 15%, 73%
HSV	31°, 11%, 77%
XYZ	48.6328, 50.5456, 48.2673
YIQ	188.7360, 9.4910, -1.3010

Conversions

Conversions Part 2

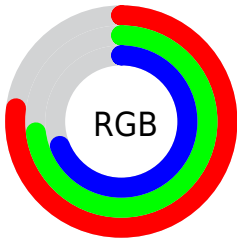
Format	Color
RYB	195, 197, 176
Decimal	12958640
CIELab	76.40, 1.63, 6.82
CIElCh	76, 7.010, 76.589
Yxy	50.5456, 0.3298, 0.3428
Android (android.graphics.Color)	4291148720 (0xFFC5BBB0)
YUV	188.7360, -6.2788, 7.2475
Hunter-Lab	71.0954, -2.3141, 9.5143

Details

The XYZ color **48.6328, 50.5456, 48.2673** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5413, 48.3782, 59.7616**, and the grayscale version is **48.2511, 50.7639, 55.2819**.

A 20% lighter version of the original color is **87.4891, 90.9982, 89.2972**, and **23.4909, 24.3451, 22.5297** is the 20% darker color. If you saturate the color by 10%, you get **44.8989, 45.9737, 38.0938**, and if you desaturate by 10%, it is **52.7824, 55.4950, 59.9762**.

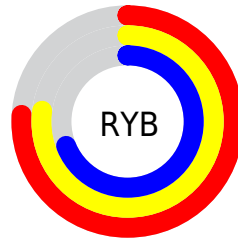
Distribution



Red (77%)

Green (73%)

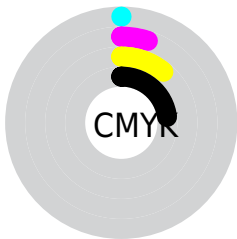
Blue (69%)



Red (76%)

Yellow (77%)

Blue (69%)

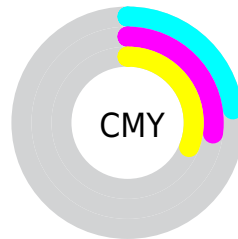


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6328, 50.5456, 48.2673 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 48.6328, 50.5456, 48.2673 by changing the saturation by 10% instead.

■ 48.6328, 50.5456,
48.2673

■ 48.6328, 50.5456,
48.2673

371.8359,
388.7958, 396.3899

■ 34.5416, 35.8471,
33.6771

■ 87.3498, 90.9827,
88.9719

■ 23.4748, 24.3161,
22.3703

112.7064,
117.4902, 115.9235

■ 15.0671, 15.5683,
13.9283

142.5488,
148.7027, 147.8326

■ 8.9531, 9.2192,
7.9327

177.2424,
185.0047, 185.1177

■ 4.7675, 4.8844,
3.9647

217.1526,
226.7807, 228.1975

■ 2.1448, 2.1796,
1.6060

262.6447,

■ 0.7134, 0.7088,

274.4149, 277.4904

0.2951

314.0840,
328.2918, 333.4150

■ 0.0000, 0.0000,
0.0000

■ 48.6328, 50.5456,
48.2673

■ 48.6328, 50.5456,
48.2673

■ 44.8989, 45.9737,
38.0938

■ 52.7824, 55.4950,
59.9762

■ 41.5618, 41.7628,
29.3876

■ 57.3572, 60.8245,
73.2781

■ 38.6075, 37.9049,
22.0807

■ 62.3717, 66.5453,
88.2314

■ 36.0192, 34.3891,
16.0978

■ 67.8385, 72.6662,
104.8910

■ 33.7788, 31.2039,
11.3569

■ 70.4684, 77.8748,
105.9250

■ 31.8663, 28.3368,
7.7665

■ 73.2076, 83.3532,
106.8381

■ 30.2592, 25.7741,
5.2223

■ 76.0902, 89.1185,
107.7989

■ 28.9312, 23.5005,
3.6008

■ 76.8362, 90.6105,
108.0476

■ 27.8990, 21.6160,
2.7019

Harmonies

Analogous

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



49.8064, 50.5456, 49.9252



48.6328, 50.5456, 48.2673



47.3215, 50.5456, 48.3629

Triad

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



48.6328, 50.5456, 48.2673



45.6519, 50.5456, 57.1358



49.9084, 50.5456, 60.1804

Complementary

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



48.6328, 50.5456, 48.2673



45.5413, 48.3782, 59.7616

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.



48.7699, 50.5456, 62.2954



48.6328, 50.5456, 48.2673



46.3199, 50.5456, 60.4833

Square

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



48.6328, 50.5456, 48.2673



45.6167, 50.5456, 53.3678



47.4562, 50.5456, 62.4087



50.5519, 50.5456, 56.7377

Rectangle

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



48.6328, 50.5456, 48.2673



46.5459, 50.5456, 49.4063



47.4562, 50.5456, 62.4087



49.5699, 50.5456, 61.0770

Sweetspot

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



48.6342, 50.5478, 48.2684



92.6919, 97.2156, 102.1582



47.4308, 46.4732, 53.0090



19.7075, 20.6511, 21.4899



0.0000, 0.0000, 0.0000



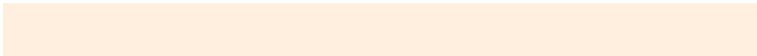
20.3446, 21.4041, 23.3091

Same Dimension

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



48.6342, 50.5478, 48.2684



85.3357, 88.3879, 81.5648



50.7378, 54.8909, 48.9958



11.0860, 11.5412, 11.2061



18.4344, 14.3860, 1.8052



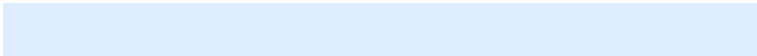
0.9451, 0.8256, 0.1095

Inverse Universe

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



45.5413, 48.3782, 59.7616



78.5951, 83.6596, 106.6133



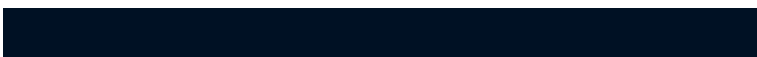
43.5878, 44.3536, 59.0877



10.4662, 11.1064, 13.5096



9.3309, 8.0557, 35.8075



0.5142, 0.5262, 1.7196

Previews

White Background



This preview shows how the XYZ color 48.6328, 50.5456, 48.2673 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 48.6328, 50.5456, 48.2673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

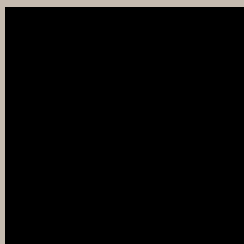
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

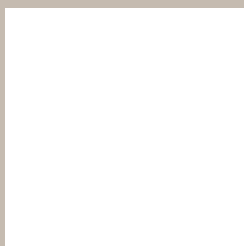
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.6328, 50.5456, 48.2673

Background



This preview shows how black text looks on a background with the XYZ color 48.6328, 50.5456, 48.2673.

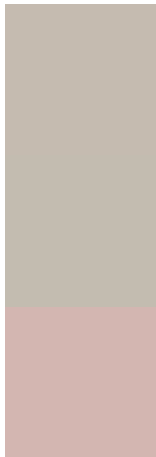


This preview shows how white text looks on a background with the XYZ color 48.6328, 50.5456,

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

48.6328, 50.5456, 48.2673

Protanopia

48.3254, 50.7031, 48.3140

Deuteranopia

51.5277, 50.4791, 48.6226



Tritanopia

51.1529, 50.6376, 60.5041

Trichromacy



Original Color

48.6328, 50.5456, 48.2673

Protanomaly

48.5846, 50.8368, 48.3261

Deuteranomaly

50.5299, 50.5771, 48.6941

Tritanomaly

50.1964, 50.5577, 55.8282

Monochromacy



Original Color

48.6328, 50.5456, 48.2673

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.3732, 50.6336, 52.5711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6328, 50.5456, 48.2673 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(197, 187, 176)` looks like.

```
.text, #text, p{  
    color:rgb(197, 187, 176)  
}
```

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(197, 187, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 187, 176) }
```

Border

The CSS property to change the border of an element to XYZ 48.6328, 50.5456, 48.2673 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(197, 187, 176) }
```


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

```
.border{ border-color:rgb(197, 187, 176) }
```

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

Here you see how a box with a 4 pixel rgb(197, 187, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 187, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 187, 176);  
box-shadow:4px 4px 4px 4px rgb(197, 187,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6328, 50.5456, 48.2673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 187, 176) }
```

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

```
.background{ background-color: rgb(197,  
187, 176) }
```

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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