

Converting Colors

XYZ(48.0542, 48.0856, 62.0079)

Have a look what the booklet for
XYZ(48.0542, 48.0856, 62.0079)
contains.

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Color

**XYZ(48.0528, 48.0836,
62.0068)**

Conversions

Conversions Part 1

Format	Color
Hex	BDB5C9
RGB	189, 181, 201
RGB Percent	74%, 71%, 79%
CMY	0.2588, 0.2902, 0.2118
CMYK	0.06, 0.10, 0.00, 0.21
HSL	264°, 16%, 75%
HSV	264°, 10%, 79%
XYZ	48.0528, 48.0836, 62.0068
YIQ	185.6720, -1.6520, 7.9160

Conversions

Conversions Part 2

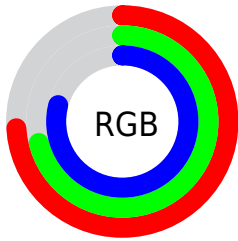
Format	Color
R _Y B	189, 181, 201
Decimal	12432841
CIE Lab	74.88, 6.60, -9.09
CIE LCh	75, 11.237, 305.997
Yxy	48.0836, 0.3039, 0.3041
Android (android.graphics.Color)	4290622921 (0xFFBDB5C9)
YUV	185.6720, 7.5567, 2.9187
Hunter-Lab	69.3423, 2.3477, -4.4782

Details

The XYZ color **48.0528, 48.0836, 62.0068** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2212, 56.4482, 51.9143**, and the grayscale version is **46.4496, 48.8686, 53.2179**.

A 20% lighter version of the original color is **85.9904, 87.2009, 106.9070**, and **23.1390, 22.7792, 30.7810** is the 20% darker color. If you saturate the color by 10%, you get **41.3888, 39.0135, 60.6081**, and if you desaturate by 10%, it is **55.5581, 58.4654, 63.6158**.

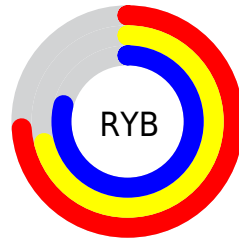
Distribution



Red (74%)

Green (71%)

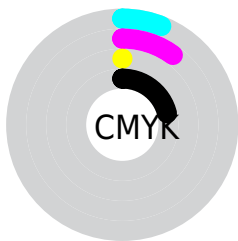
Blue (79%)



Red (74%)

Yellow (71%)

Blue (79%)

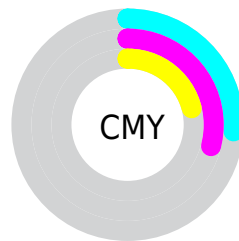


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (21%)



Cyan (26%)

Magenta (29%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0528, 48.0836, 62.0068 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 48.0528, 48.0836, 62.0068 by changing the saturation by 10% instead.

■ 48.0528, 48.0836,
62.0068

■ 48.0528, 48.0836,
62.0068

369.5805,
379.1234, 449.9642

■ 34.0801, 33.8931,
44.6024

■ 86.4922, 87.3289,
109.3071

■ 23.1183, 22.8115,
30.8037

111.6897,
113.1524, 140.0400

■ 14.8021, 14.4544,
20.1922

141.3595,
143.6224, 176.0528

■ 8.7660, 8.4374,
12.3494

175.8669,
179.1233, 217.7640

■ 4.6448, 4.3761,
6.8567

215.5774,
220.0395, 265.5922

■ 2.0730, 1.8861,
3.2955

260.8562,

■ 0.6745, 0.5400,

266.7553, 319.9560

1.2474

312.0688,
319.6551, 381.2738

■ 0.0000, 0.0000,
0.0181

■ 0.0000, 0.0000,
0.0000

■ 48.0528, 48.0836,
62.0068

■ 48.0528, 48.0836,
62.0068

■ 41.3888, 39.0135,
60.6081

■ 55.5581, 58.4654,
63.6158

■ 35.5307, 31.1955,
59.4078

■ 63.9300, 70.2029,
65.4402

■ 30.4467, 24.5746,
58.3978

■ 73.1977, 83.3457,
67.4885

■ 26.1012, 19.0891,
57.5680

■ 81.3105, 93.7842,
69.0758

■ 22.4554, 14.6717,
56.9075

■ 85.4798, 95.9336,
69.2709

■ 19.4668, 11.2478,
56.4042

■ 87.5428, 96.9971,
69.3674

■ 17.0874, 8.7326,
56.0441

■ 15.2613, 7.0263,
55.8110

■ 13.8902, 5.9444,
55.6744

Harmonies

Analogous

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



46.1142, 48.0836, 64.3750



48.0528, 48.0836, 62.0068



49.3899, 48.0836, 57.0718

Triad

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



48.0528, 48.0836, 62.0068



47.3206, 48.0836, 42.7245



41.9011, 48.0836, 53.5405

Complementary

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



48.0528, 48.0836, 62.0068



51.2212, 56.4482, 51.9143

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.



42.2025, 48.0836, 47.9053



48.0528, 48.0836, 62.0068



45.2923, 48.0836, 41.9327

Square

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



48.0528, 48.0836, 62.0068



48.9584, 48.0836, 46.0098



43.4292, 48.0836, 43.7604



42.5933, 48.0836, 59.2580

Rectangle

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



48.0528, 48.0836, 62.0068



49.7388, 48.0836, 53.1451



43.4292, 48.0836, 43.7604



41.8898, 48.0836, 51.5725

Sweetspot

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



48.0542, 48.0856, 62.0079



90.9892, 94.3555, 108.0245



48.7441, 52.3299, 62.7907



19.2481, 19.8808, 23.0728



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.



48.0542, 48.0856, 62.0079



79.6176, 78.6889, 105.5999



50.5328, 49.3634, 62.1238



10.4514, 10.4910, 13.3916



8.8266, 3.7846, 35.0096



0.4993, 0.2211, 1.6615

Inverse Universe

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



50.2385, 49.3176, 57.3257



84.1450, 81.2433, 95.8523



48.8366, 55.2189, 51.8027



10.8966, 10.7420, 12.4386



17.3466, 8.6882, 12.3008



0.8564, 0.4254, 0.7671

Previews

White Background



This preview shows how the XYZ color 48.0528, 48.0836, 62.0068 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 48.0528, 48.0836, 62.0068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

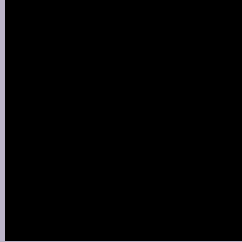
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0528, 48.0836, 62.0068

Background



This preview shows how black text looks on a background with the XYZ color 48.0528, 48.0836, 62.0068.



This preview shows how white text looks on a background with the XYZ color 48.0528, 48.0836,

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

48.0528, 48.0836, 62.0068

Protanopia

46.8856, 48.0763, 62.6856

Deuteranopia

48.9108, 47.9266, 61.9312



Tritanopia

47.4308, 48.1328, 59.0152

Trichromacy



Original Color

48.0528, 48.0836, 62.0068

Protanomaly

47.3962, 48.0345, 62.6506

Deuteranomaly

48.6021, 48.0660, 61.9744

Tritanomaly

47.6600, 48.2245, 60.2224

Monochromacy



Original Color

48.0528, 48.0836, 62.0068

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.0380, 48.6074, 56.1932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0528, 48.0836, 62.0068 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(189, 181, 201)` looks like.

```
.text, #text, p{  
    color:rgb(189, 181, 201)  
}
```

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(189, 181, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 181, 201) }
```

Border

The CSS property to change the border of an element to XYZ 48.0528, 48.0836, 62.0068 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(189, 181, 201) }
```


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

```
.border{ border-color:rgb(189, 181, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 181, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 181, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 181, 201);  
box-shadow:4px 4px 4px 4px rgb(189, 181,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0528, 48.0836, 62.0068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 181, 201) }
```

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

```
.background{ background-color: rgb(189,  
181, 201) }
```

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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