

Converting Colors

XYZ(47.8928, 62.0463, 38.3061)

Have a look what the booklet for
XYZ(47.8928, 62.0463, 38.3061)
contains.

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Color

**XYZ(47.8928, 62.0463,
38.3061)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ABDC96 |
| RGB | 171, 220, 150 |
| RGB Percent | 67%, 86%, 59% |
| CMY | 0.3294, 0.1372, 0.4118 |
| CMYK | 0.22, 0.00, 0.32, 0.14 |
| HSL | 102°, 50%, 73% |
| HSV | 102°, 32%, 86% |
| XYZ | 47.8928, 62.0463, 38.3061 |
| YIQ | 197.3690, -6.7340, -32.1580 |

Conversions

Conversions Part 2

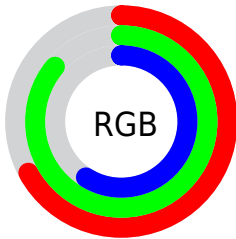
| Format | Color |
|-------------------------------------|--|
| RYB | 150, 220, 199 |
| Decimal | 11263126 |
| CIELab | 82.94, -28.58, 29.39 |
| CIELCh | 83, 40.999, 134.197 |
| Yxy | 62.0463, 0.3231, 0.4185 |
| Android (android.graphics.Color) | 4289453206 (0xFFABDC96) |
| YUV | 197.3690, -23.3529, -23.1256 |
| Hunter-Lab | 78.7695, -29.3164, 26.3055 |

Details

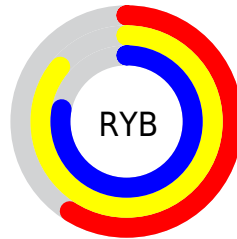
The XYZ color **47.8928, 62.0463, 38.3061** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.3804, 39.1239, 72.7679**, and the grayscale version is **53.4351, 56.2179, 61.2213**.

A 20% lighter version of the original color is **78.4580, 92.2587, 71.4301**, and **22.9959, 31.5740, 16.4377** is the 20% darker color. If you saturate the color by 10%, you get **43.1238, 59.7755, 29.6876**, and if you desaturate by 10%, it is **53.3886, 64.6570, 48.6973**.

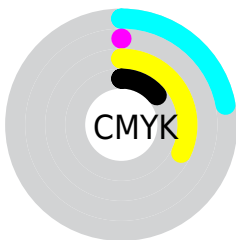
Distribution



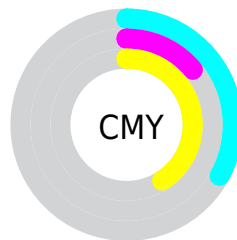
- Red (67%)
- Green (86%)
- Blue (59%)



- Red (59%)
- Yellow (86%)
- Blue (78%)



- Cyan (22%)
- Magenta (0%)
- Yellow (32%)
- Black (14%)





- Cyan (33%)
- Magenta (14%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8928, 62.0463, 38.3061 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 47.8928, 62.0463, 38.3061 by changing the saturation by 10% instead.


 47.8928, 62.0463,
38.3061


 47.8928, 62.0463,
38.3061


368.9567,
432.1000, 354.2687

 33.9529, 45.0701,
25.9167


 86.2554, 107.7924,
73.7857

 23.0201, 31.5127,
16.5361


 111.4089,
137.3312, 97.7129

 14.7292, 20.9895,
9.7459


141.0309,
171.8262, 126.3232

 8.7146, 13.1164,
5.1274

175.4868,
211.6620, 160.0350

 4.6111, 7.5087,
2.2622

215.1420,
257.2229, 199.2669

 2.0533, 3.7822,
0.7099

260.3618,

 0.6637, 1.5525,

308.8932, 244.4375

0.0000

311.5116,
367.0574, 295.9653

■ 0.0000, 0.3253,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.8928, 62.0463,
38.3061

■ 47.8928, 62.0463,
38.3061

■ 43.1238, 59.7755,
29.6876

■ 53.3886, 64.6570,
48.6973

■ 39.0448, 57.8222,
22.7390

■ 59.6362, 67.6131,
60.9483

■ 35.6226, 56.1737,
17.3528

■ 66.6655, 70.9299,
75.1454

■ 32.8195, 54.8131,
13.4077

■ 74.5031, 74.6194,
91.3683

■ 30.5931, 53.7215,
10.7643

■ 82.3579, 78.3664,
105.3932

■ 28.8944, 52.8775,
9.2557

■ 84.8844, 79.6689,
105.5115

■ 27.8408, 52.3469,
8.6366

Harmonies

Analogous

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



54.8993, 62.0463, 30.4825



47.8928, 62.0463, 38.3061



44.0744, 62.0463, 55.1412

Triad

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



47.8928, 62.0463, 38.3061



54.4613, 62.0463, 126.1038



77.0471, 62.0463, 56.3015

Complementary

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



47.8928, 62.0463, 38.3061



47.3804, 39.1239, 72.7679

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.



76.8997, 62.0463, 81.7111



47.8928, 62.0463, 38.3061



63.2437, 62.0463, 126.6405

Square

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



47.8928, 62.0463, 38.3061



47.5999, 62.0463, 107.5238



71.6429, 62.0463, 108.8457



72.0275, 62.0463, 38.9715

Rectangle

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



47.8928, 62.0463, 38.3061



43.5844, 62.0463, 71.1858



71.6429, 62.0463, 108.8457



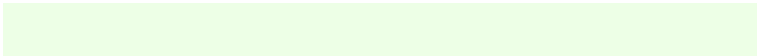
77.6148, 62.0463, 64.0554

Sweetspot

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



47.8944, 62.0490, 38.3075



84.9477, 95.2353, 88.4003



55.4462, 58.2671, 37.1795



17.8978, 20.2499, 18.3530



0.0000, 0.0000, 0.0000



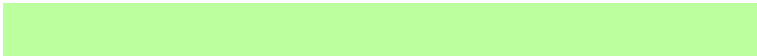
20.3446, 21.4041, 23.3091

Same Dimension

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



47.8944, 62.0490, 38.3075



62.4745, 84.5779, 45.4253



44.8736, 60.3536, 44.4076



13.2519, 14.7946, 13.8828



16.4373, 30.7712, 5.0731



1.1506, 2.0377, 0.3327

Inverse Universe

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



47.3804, 39.1239, 72.7679



61.6370, 47.8658, 100.5981



51.5644, 41.4862, 63.6851



13.2143, 13.0686, 16.4782



15.5209, 7.1255, 40.2957



1.0909, 0.5057, 2.6145

Previews

White Background



This preview shows how the XYZ color 47.8928, 62.0463, 38.3061 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 47.8928, 62.0463, 38.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

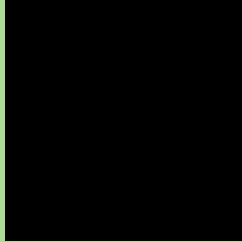
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.8928, 62.0463, 38.3061

Background



This preview shows how black text looks on a background with the XYZ color 47.8928, 62.0463, 38.3061.



This preview shows how white text looks on a background with the XYZ color 47.8928, 62.0463,

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

47.8928, 62.0463, 38.3061

Protanopia

57.2295, 61.6858, 35.2758

Deuteranopia

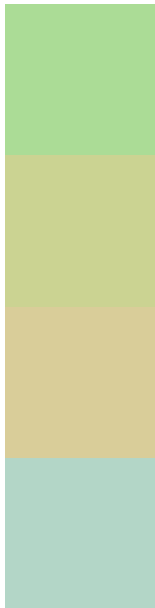
62.8448, 61.3537, 39.5405



Tritanopia

56.4402, 61.7065, 81.6089

Trichromacy



Original Color

47.8928, 62.0463, 38.3061

Protanomaly

53.1112, 61.3604, 36.2386

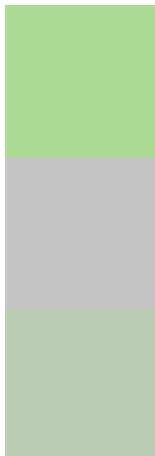
Deuteranomaly

56.1964, 60.7143, 38.8942

Tritanomaly

52.9458, 61.8004, 63.1710

Monochromacy



Original Color

47.8928, 62.0463, 38.3061

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

50.8086, 57.6493, 51.6295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8928, 62.0463, 38.3061 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(171, 220, 150)` looks like.

```
.text, #text, p{  
    color:rgb(171, 220, 150)  
}
```

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(171, 220, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 220, 150) }
```

Border

The CSS property to change the border of an element to XYZ 47.8928, 62.0463, 38.3061 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(171, 220, 150) }
```


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

```
.border{ border-color:rgb(171, 220, 150) }
```

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

Here you see how a box with a 4 pixel rgb(171, 220, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 220, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 220, 150);  
box-shadow:4px 4px 4px 4px rgb(171, 220,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8928, 62.0463, 38.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 220, 150) }
```

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

```
.background{ background-color: rgb(171,  
220, 150) }
```

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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