

Converting Colors

XYZ(48.6024, 62.6234, 28.9285)

Have a look what the booklet for
XYZ(48.6024, 62.6234, 28.9285)
contains.

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Color

**XYZ(48.5863, 62.6122,
28.9266)**

Conversions

Conversions Part 1

Format	Color
Hex	B6DC7D
RGB	182, 220, 125
RGB Percent	71%, 86%, 49%
CMY	0.2863, 0.1372, 0.5098
CMYK	0.17, 0.00, 0.43, 0.14
HSL	84°, 58%, 68%
HSV	84°, 43%, 86%
XYZ	48.5863, 62.6122, 28.9266
YIQ	197.8080, 7.8470, -37.6010

Conversions

Conversions Part 2

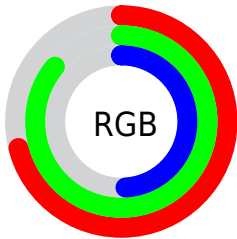
Format	Color
RYB	125, 220, 163
Decimal	11983997
CIELab	83.24, -27.96, 42.53
CIELCh	83, 50.898, 123.325
Yxy	62.6122, 0.3467, 0.4468
Android (android.graphics.Color)	4290174077 (0xFFB6DC7D)
YUV	197.8080, -35.8943, -13.8636
Hunter-Lab	79.1279, -28.8707, 33.7150

Details

The XYZ color **48.5863, 62.6122, 28.9266** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **35.3587, 27.6228, 71.1819**, and the grayscale version is **53.7691, 56.5693, 61.6039**.

A 20% lighter version of the original color is **79.4933, 93.1254, 56.4331**, and **23.4436, 31.9167, 11.4035** is the 20% darker color. If you saturate the color by 10%, you get **45.3205, 61.0754, 22.2326**, and if you desaturate by 10%, it is **52.2972, 64.3464, 37.2688**.

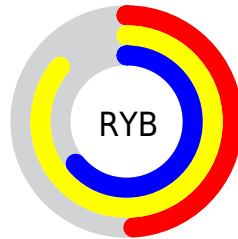
Distribution



Red (71%)

Green (86%)

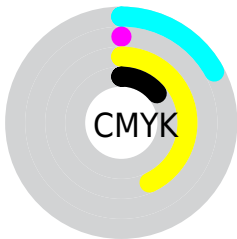
Blue (49%)



Red (49%)

Yellow (86%)

Blue (64%)

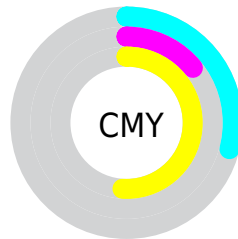


Cyan (17%)

Magenta (0%)

Yellow (43%)

Black (14%)



Cyan (29%)

Magenta (14%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5863, 62.6122, 28.9266 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 48.5863, 62.6122, 28.9266 by changing the saturation by 10% instead.

■ 48.5863, 62.6122,
28.9266

■ 48.5863, 62.6122,
28.9266

371.6554,
434.1607, 310.9186

■ 34.5046, 45.5276,
18.7802

■ 87.2811, 108.6098,
59.0012

■ 23.4462, 31.8732,
11.3364

■ 112.6250,
138.2916, 79.7666

■ 15.0459, 21.2646,
6.1765

■ 142.4536,
172.9412, 104.9086

■ 8.9381, 13.3176,
2.8822

177.1323,
212.9431, 134.8459

■ 4.7576, 7.6476,
1.0348

217.0265,
258.6816, 169.9970

■ 2.1390, 3.8703,
0.0000

262.5015,

■ 0.7103, 1.6013,

310.5411, 210.7805

0.0000

313.9227,
368.9060, 257.6148

0.0000, 0.3585,
0.0000

0.0000, 0.0000,
0.0000

48.5863, 62.6122,
28.9266

48.5863, 62.6122,
28.9266

45.3205, 61.0754,
22.2326

52.2972, 64.3464,
37.2688

42.4719, 59.7181,
17.0731


56.4697, 66.2785,
47.3547


40.0164, 58.5327,
13.3267


61.1250, 68.4194,
59.2772


37.9245, 57.5069,
10.8514


66.2815, 70.7766,
73.1217


 36.1611, 56.6264,
9.4760

 71.9566, 73.3573,
88.9680

 35.1093, 56.0942,
8.9768

 77.8418, 76.0384,
105.1819

 80.8169, 77.5722,
105.3212

 83.9378, 79.1810,
105.4672

 84.8846, 79.6691,
105.5115

Harmonies

Analogous

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



58.2874, 62.6122, 23.6880



48.5863, 62.6122, 28.9266



42.4751, 62.6122, 44.3460

Triad

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



48.5863, 62.6122, 28.9266



50.4744, 62.6122, 138.2708



83.3381, 62.6122, 64.7059

Complementary

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



48.5863, 62.6122, 28.9266



35.3587, 27.6228, 71.1819

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.



80.5837, 62.6122, 99.2973



48.5863, 62.6122, 28.9266



60.7516, 62.6122, 148.7357

Square

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



48.5863, 62.6122, 28.9266



43.4667, 62.6122, 107.3593



71.9617, 62.6122, 132.6936



79.0850, 62.6122, 39.9141

Rectangle

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



48.5863, 62.6122, 28.9266



40.8066, 62.6122, 61.3437



71.9617, 62.6122, 132.6936



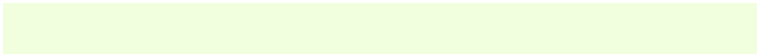
83.2027, 62.6122, 75.4935

Sweetspot

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



48.5878, 62.6150, 28.9279



85.4530, 95.6169, 82.9539



46.3164, 42.8929, 25.2409



17.9676, 20.3178, 16.9123



0.0000, 0.0000, 0.0000



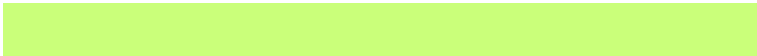
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5878, 62.6150, 28.9279



63.6425, 85.4853, 31.6886



39.2083, 57.7796, 28.4890



13.6320, 14.9906, 13.9006



20.7331, 32.9858, 5.2741



1.4394, 2.1866, 0.3462

Inverse Universe

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



35.3587, 27.6228, 71.1819



42.8381, 30.4031, 98.2183



46.9752, 33.6113, 71.7255



12.8292, 12.8701, 16.4601



10.0620, 4.3113, 40.0402



0.7474, 0.3286, 2.5985

Previews

White Background



This preview shows how the XYZ color 48.5863, 62.6122, 28.9266 looks on a white background.

Color Contrast Check

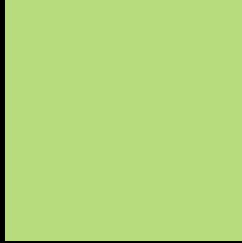
Large Text (above 18pt) WCAG AA × Fail

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 48.5863, 62.6122, 28.9266 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 48.5863, 62.6122, 28.9266

Background



This preview shows how black text looks on a background with the XYZ color 48.5863, 62.6122, 28.9266.



This preview shows how white text looks on a background with the XYZ color 48.5863, 62.6122,

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

48.5863, 62.6122, 28.9266

Protanopia

57.3815, 62.3126, 26.7725

Deuteranopia

63.6477, 62.3239, 29.7942



Tritanopia

58.9114, 62.2838, 80.1512

Trichromacy



Original Color

48.5863, 62.6122, 28.9266

Protanomaly

53.9203, 62.3410, 27.6035

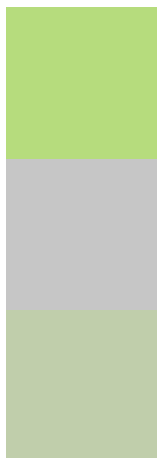
Deuteranomaly

57.0189, 61.7087, 29.3278

Tritanomaly

54.2146, 61.8375, 57.2225

Monochromacy



Original Color

48.5863, 62.6122, 28.9266

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

51.1602, 58.2894, 47.0826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5863, 62.6122, 28.9266 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(182, 220, 125)` looks like.

```
.text, #text, p{  
    color:rgb(182, 220, 125)  
}
```

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(182, 220, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 220, 125) }
```

Border

The CSS property to change the border of an element to XYZ 48.5863, 62.6122, 28.9266 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(182, 220, 125) }
```


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

```
.border{ border-color:rgb(182, 220, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 220, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 220, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 220, 125); box-shadow:4px 4px 4px 4px rgb(182, 220, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5863, 62.6122, 28.9266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 220, 125) }
```

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

```
.background{ background-color: rgb(182,  
220, 125) }
```

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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