

Converting Colors

XYZ(48.1527, 55.3136, 31.0090)

Have a look what the booklet for
XYZ(48.1527, 55.3136, 31.0090)
contains.

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Color

**XYZ(48.2858, 55.3929,
31.0686)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C987
RGB	197, 201, 135
RGB Percent	77%, 79%, 53%
CMY	0.2275, 0.2117, 0.4706
CMYK	0.02, 0.00, 0.33, 0.21
HSL	64°, 38%, 66%
HSV	64°, 33%, 79%
XYZ	48.2858, 55.3929, 31.0686
YIQ	192.2800, 18.8020, -21.3740

Conversions

Conversions Part 2

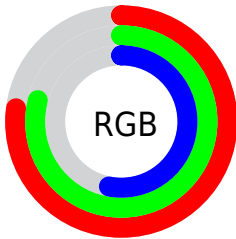
Format	Color
RYB	135, 201, 139
Decimal	12962183
CIELab	79.27, -11.67, 32.58
CIElCh	79, 34.612, 109.709
Yxy	55.3929, 0.3583, 0.4111
Android (android.graphics.Color)	4291152263 (0xFFC5C987)
YUV	192.2800, -28.2390, 4.1394
Hunter-Lab	74.4264, -14.4403, 27.3484

Details

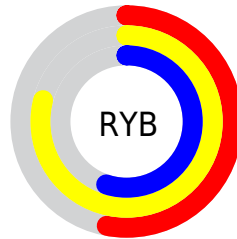
The XYZ color **48.2858, 55.3929, 31.0686** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.8561, 27.0353, 58.9063**, and the grayscale version is **50.4200, 53.0458, 57.7668**.

A 20% lighter version of the original color is **85.8184, 96.2650, 62.2020**, and **23.1893, 27.2583, 12.4267** is the 20% darker color. If you saturate the color by 10%, you get **46.6846, 54.7176, 24.2910**, and if you desaturate by 10%, it is **50.1596, 56.1814, 39.2559**.

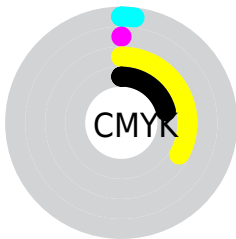
Distribution



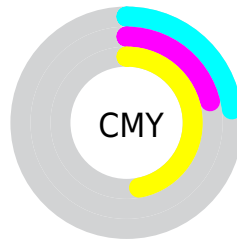
- Red (77%)
- Green (79%)
- Blue (53%)



- Red (53%)
- Yellow (79%)
- Blue (55%)



- Cyan (2%)
- Magenta (0%)
- Yellow (33%)
- Black (21%)



- Cyan (23%)
- Magenta (21%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2858, 55.3929, 31.0686 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 48.2858, 55.3929, 31.0686 by changing the saturation by 10% instead.

■ 48.2858, 55.3929,
31.0686

■ 48.2858, 55.3929,
31.0686

370.4876,
407.3996, 321.2152

■ 34.2655, 39.7164,
20.3922

■ 86.8369, 98.1164,
62.4289

■ 23.2615, 27.3175,
12.4935

■ 112.0984,
125.9321, 83.9499

■ 14.9084, 17.8118,
6.9541

■ 141.8376,
158.5631, 109.9228

■ 8.8411, 10.8150,
3.3554

176.4200,
196.3936, 140.7662

■ 4.6939, 5.9425,
1.2789

216.2108,
239.8081, 176.8985

■ 2.1017, 2.8102,
0.0444

261.5754,

■ 0.6901, 1.0334,

289.1910, 218.7385

0.0000

312.8793,
344.9267, 266.7045

■ 0.0000, 0.0000,
0.0000

■ 48.2858, 55.3929,
31.0686

■ 48.2858, 55.3929,
31.0686

■ 46.6846, 54.7176,
24.2910

■ 50.1596, 56.1814,
39.2559

■ 45.3368, 54.1420,
18.8400

■ 52.3157, 57.0812,
48.9225

■ 44.2270, 53.6620,
14.6298


■ 54.7684, 58.0999,
60.1377


■ 43.3369, 53.2701,
11.5624


■ 57.5300, 59.2425,
72.9653


■ 42.6450, 52.9578,
9.5257


■ 60.6117, 60.5134,
87.4657


 42.1258, 52.7148,
8.3845

 63.9270, 61.8781,
103.1821

 41.8267, 52.5701,
7.9425

 64.2633, 62.0515,
103.1978

 64.6023, 62.2262,
103.2137

 64.9439, 62.4023,
103.2297

Harmonies

Analogous

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



55.0636, 55.3929, 30.0389



48.2858, 55.3929, 31.0686



43.1331, 55.3929, 38.8643

Triad

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



48.2858, 55.3929, 31.0686



44.5007, 55.3929, 94.3220



66.8649, 55.3929, 67.3844

Complementary

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



48.2858, 55.3929, 31.0686



29.8561, 27.0353, 58.9063

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.



63.4713, 55.3929, 88.4823



48.2858, 55.3929, 31.0686



50.3066, 55.3929, 106.1443

Square

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



48.2858, 55.3929, 31.0686



41.0841, 55.3929, 74.1077



57.2680, 55.3929, 103.7998



66.2035, 55.3929, 48.3469

Rectangle

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



48.2858, 55.3929, 31.0686



41.1233, 55.3929, 48.0338



57.2680, 55.3929, 103.7998



66.1497, 55.3929, 74.5255

Sweetspot

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



48.2872, 55.3954, 31.0698



90.6458, 98.1728, 88.6670



37.5940, 32.4313, 27.2008



19.2786, 20.9617, 18.4176



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.



48.2872, 55.3954, 31.0698



80.7773, 94.0385, 45.1469



40.7166, 51.4926, 30.7155



11.4579, 12.3830, 11.3490



26.3258, 33.0667, 4.9950



1.2663, 1.5759, 0.2374

Inverse Universe

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



29.8561, 27.0353, 58.9063



44.6791, 38.4841, 99.6811



36.0683, 30.2379, 59.1970



10.1153, 10.3177, 13.3759



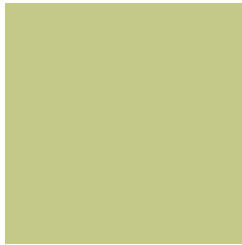
6.7528, 2.7154, 34.9126



0.3410, 0.1395, 1.6541

Previews

White Background



This preview shows how the XYZ color 48.2858, 55.3929, 31.0686 looks on a white background.

Color Contrast Check

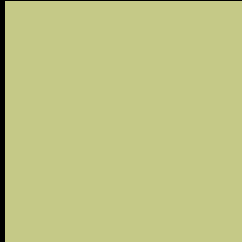
Large Text (above 18pt) WCAG AA × Fail

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 48.2858, 55.3929, 31.0686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

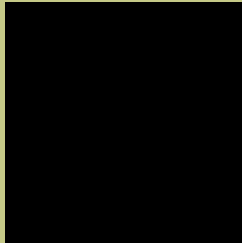
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.2858, 55.3929, 31.0686

Background



This preview shows how black text looks on a background with the XYZ color 48.2858, 55.3929, 31.0686.



This preview shows how white text looks on a background with the XYZ color 48.2858, 55.3929,

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

48.2858, 55.3929, 31.0686

Protanopia

51.1249, 55.1704, 30.1447

Deuteranopia

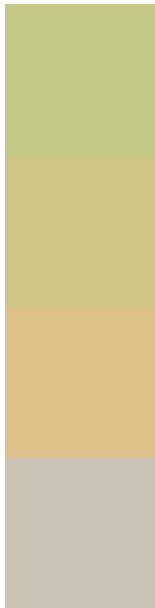
56.5023, 55.2938, 31.7395



Tritanopia

55.5657, 55.3261, 66.7819

Trichromacy



Original Color

48.2858, 55.3929, 31.0686

Protanomaly

50.2293, 55.3748, 30.5953

Deuteranomaly

53.4041, 55.3182, 31.5297

Tritanomaly

52.4842, 55.0629, 51.5781

Monochromacy



Original Color

48.2858, 55.3929, 31.0686

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.1139, 53.4398, 46.2544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2858, 55.3929, 31.0686 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, 201, 135)` looks like.

```
.text, #text, p{  
    color:rgb(197, 201, 135)  
}
```

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, 201, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 201, 135) }
```

Border

The CSS property to change the border of an element to XYZ 48.2858, 55.3929, 31.0686 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, 201, 135) }
```


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

```
.border{ border-color:rgb(197, 201, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 201, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 201, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 201, 135);  
box-shadow:4px 4px 4px 4px rgb(197, 201,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2858, 55.3929, 31.0686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 201, 135) }
```

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

```
.background{ background-color: rgb(197,  
201, 135) }
```

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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