

Converting Colors

XYZ(44.7716, 57.4717, 29.9740)

Have a look what the booklet for
XYZ(44.7716, 57.4717, 29.9740)
contains.

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Color

**XYZ(44.8063, 57.5829,
29.8722)**

Conversions

Conversions Part 1

Format	Color
Hex	ADD482
RGB	173, 212, 130
RGB Percent	68%, 83%, 51%
CMY	0.3216, 0.1686, 0.4902
CMYK	0.18, 0.00, 0.39, 0.17
HSL	89°, 49%, 67%
HSV	89°, 39%, 83%
XYZ	44.8063, 57.5829, 29.8722
YIQ	190.9910, 3.0780, -33.7700

Conversions

Conversions Part 2

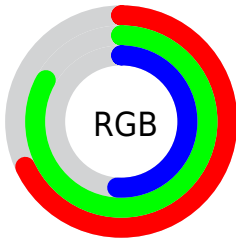
Format	Color
RYB	130, 212, 169
Decimal	11392130
CIELab	80.51, -26.84, 36.43
CIElCh	81, 45.251, 126.376
Yxy	57.5829, 0.3388, 0.4354
Android (android.graphics.Color)	4289582210 (0xFFADD482)
YUV	190.9910, -30.0686, -15.7781
Hunter-Lab	75.8834, -27.3984, 29.7783

Details

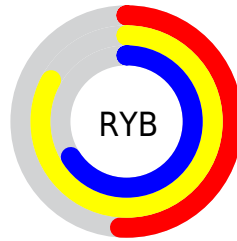
The XYZ color **44.8063, 57.5829, 29.8722** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **36.2310, 29.1554, 66.0085**, and the grayscale version is **49.6849, 52.2724, 56.9247**.

A 20% lighter version of the original color is **76.7248, 91.6387, 58.9916**, and **21.0760, 28.6004, 11.8067** is the 20% darker color. If you saturate the color by 10%, you get **41.3814, 55.9669, 23.0338**, and if you desaturate by 10%, it is **48.6956, 59.4080, 38.2650**.

Distribution



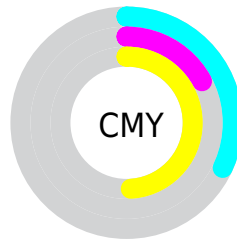
- Red (68%)
- Green (83%)
- Blue (51%)



- Red (51%)
- Yellow (83%)
- Blue (66%)



- Cyan (18%)
- Magenta (0%)
- Yellow (39%)
- Black (17%)



- Cyan (32%)
- Magenta (17%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8063, 57.5829, 29.8722 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 44.8063, 57.5829, 29.8722 by changing the saturation by 10% instead.

■ 44.8063, 57.5829,
29.8722

■ 44.8063, 57.5829,
29.8722

356.7854,
415.6299, 315.4970

■ 31.5055, 41.4734,
19.4904

■ 81.6685, 101.3152,
60.5186

■ 21.1378, 28.6892,
11.8448

■ 105.9607,
129.7068, 81.6203

■ 13.3378, 18.8458,
6.5168

■ 134.6473,
162.9613, 107.1324

■ 7.7402, 11.5589,
3.0880

168.0938,
201.4630, 137.4733

■ 3.9795, 6.4441,
1.1397

206.6655,
245.5963, 173.0617

■ 1.6906, 3.1170,
0.0000

250.7278,

■ 0.4504, 1.1931,

295.7456, 214.3161

0.0000

300.6460,
352.2954, 261.6550

■ 0.0000, 0.0561,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.8063, 57.5829,
29.8722

■ 44.8063, 57.5829,
29.8722

■ 41.3814, 55.9669,
23.0338

■ 48.6956, 59.4080,
38.2650

■ 38.3949, 54.5434,
17.6505

■ 53.0652, 61.4431,
48.2960

■ 35.8240, 53.3047,
13.6172

■ 57.9353, 63.6986,
60.0476

■ 33.6421, 52.2396,
10.8130

■ 63.3236, 66.1821,
73.5952

■ 31.8179, 51.3354,
9.0959

■ 69.2469, 68.9007,
89.0101

■ 30.3054, 50.5729,
8.2447

■ 75.3640, 71.7181,
104.4786

■ 30.1209, 50.4796,
8.1560

■ 78.7604, 73.4690,
104.6376

■ 82.3481, 75.3185,
104.8055

■ 82.8347, 75.5694,
104.8282

Harmonies

Analogous

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



52.7711, 57.5829, 24.3630



44.8063, 57.5829, 29.8722



39.9431, 57.5829, 44.3521

Triad

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



44.8063, 57.5829, 29.8722



47.8807, 57.5829, 122.2121



74.4699, 57.5829, 57.1869

Complementary

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



44.8063, 57.5829, 29.8722



36.2310, 29.1554, 66.0085

Split Complementary

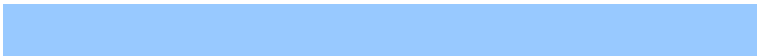
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.7805, 57.5829, 85.5119



44.8063, 57.5829, 29.8722



56.7385, 57.5829, 128.5129

Square

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



44.8063, 57.5829, 29.8722



41.5727, 57.5829, 98.1928



66.0222, 57.5829, 113.5602



70.4080, 57.5829, 36.9899

Rectangle

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



44.8063, 57.5829, 29.8722



38.7704, 57.5829, 59.5201



66.0222, 57.5829, 113.5602



74.5617, 57.5829, 65.9871

Sweetspot

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



44.8077, 57.5854, 29.8734



85.3553, 95.5268, 84.7456



45.2348, 43.7147, 27.1736



18.0586, 20.3490, 17.6281



0.0000, 0.0000, 0.0000



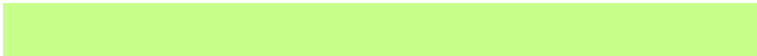
20.3446, 21.4041, 23.3091

Same Dimension

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



44.8077, 57.5854, 29.8734



63.9336, 85.5166, 37.0677



37.2053, 53.6662, 29.5177



12.8776, 14.2131, 13.2254



18.7107, 31.2221, 5.0403



1.2239, 1.9323, 0.3085

Inverse Universe

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



36.2310, 29.1554, 66.0085



49.2140, 36.7135, 99.1003



46.2386, 34.3146, 66.4769



12.2989, 12.2955, 15.6626



10.7525, 4.6956, 38.7928



0.7438, 0.3323, 2.3443

Previews

White Background



This preview shows how the XYZ color 44.8063, 57.5829, 29.8722 looks on a white background.

Color Contrast Check

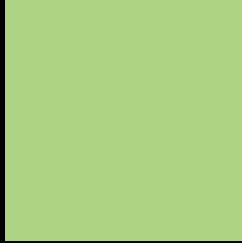
Large Text (above 18pt) WCAG AA × Fail

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 44.8063, 57.5829, 29.8722 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 44.8063, 57.5829, 29.8722

Background



This preview shows how black text looks on a background with the XYZ color 44.8063, 57.5829, 29.8722.



This preview shows how white text looks on a background with the XYZ color 44.8063, 57.5829,

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

44.8063, 57.5829, 29.8722

Protanopia

52.7404, 57.0792, 27.6397

Deuteranopia

58.2639, 57.1880, 30.8892



Tritanopia

53.7912, 57.2743, 74.5496

Trichromacy



Original Color

44.8063, 57.5829, 29.8722

Protanomaly

49.5110, 57.1355, 28.4974

Deuteranomaly

52.3886, 56.8364, 30.3997

Tritanomaly

49.7503, 57.0316, 54.8404

Monochromacy



Original Color

44.8063, 57.5829, 29.8722

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

47.3520, 53.9018, 45.4445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8063, 57.5829, 29.8722 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(173, 212, 130)` looks like.

```
.text, #text, p{  
    color:rgb(173, 212, 130)  
}
```

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(173, 212, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 212, 130) }
```

Border

The CSS property to change the border of an element to XYZ 44.8063, 57.5829, 29.8722 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(173, 212, 130) }
```


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

```
.border{ border-color:rgb(173, 212, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 212, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 212, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 212, 130); box-shadow:4px 4px 4px 4px rgb(173, 212, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8063, 57.5829, 29.8722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 212, 130) }
```

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

```
.background{ background-color: rgb(173,  
212, 130) }
```

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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