

Converting Colors

XYZ(43.6098, 57.7104, 30.0271)

Have a look what the booklet for
XYZ(43.6098, 57.7104, 30.0271)
contains.

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Color

**XYZ(43.5929, 57.7042,
29.9595)**

Conversions

Conversions Part 1

Format	Color
Hex	A5D682
RGB	165, 214, 130
RGB Percent	65%, 84%, 51%
CMY	0.3529, 0.1608, 0.4902
CMYK	0.23, 0.00, 0.39, 0.16
HSL	95°, 51%, 67%
HSV	95°, 39%, 84%
XYZ	43.5929, 57.7042, 29.9595
YIQ	189.7730, -2.2400, -36.5120

Conversions

Conversions Part 2

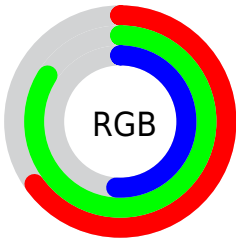
Format	Color
RYB	130, 214, 179
Decimal	10868354
CIELab	80.57, -30.67, 36.42
CIElCh	81, 47.619, 130.103
Yxy	57.7042, 0.3321, 0.4396
Android (android.graphics.Color)	4289058434 (0xFFA5D682)
YUV	189.7730, -29.4681, -21.7259
Hunter-Lab	75.9633, -30.5003, 29.7906

Details

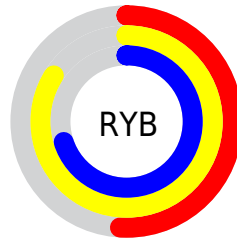
The XYZ color **43.5929, 57.7042, 29.9595** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **38.7131, 30.4057, 67.4500**, and the grayscale version is **48.9793, 51.5301, 56.1162**.

A 20% lighter version of the original color is **74.2305, 90.3528, 58.8749**, and **20.3650, 28.7403, 11.8712** is the 20% darker color. If you saturate the color by 10%, you get **39.8324, 55.9164, 23.0494**, and if you desaturate by 10%, it is **47.9086, 59.7472, 38.4573**.

Distribution



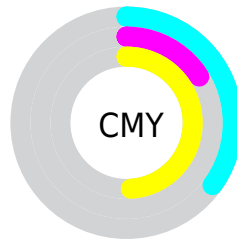
- Red (65%)
- Green (84%)
- Blue (51%)



- Red (51%)
- Yellow (84%)
- Blue (70%)



- Cyan (23%)
- Magenta (0%)
- Yellow (39%)
- Black (16%)





- Cyan (35%)
- Magenta (16%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5929, 57.7042, 29.9595 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 43.5929, 57.7042, 29.9595 by changing the saturation by 10% instead.


 43.5929, 57.7042,
29.9595


 43.5929, 57.7042,
29.9595


351.9247,
416.0828, 315.9171


 30.5471, 41.5709,
19.5561


 79.8550, 101.4920,
60.6584

 20.4044, 28.7654,
11.8919


 103.8019,
129.9152, 81.7909

 12.7993, 18.9034,
6.5485


 132.1134,
163.2039, 107.3368

 7.3665, 11.6005,
3.1072

165.1546,
201.7425, 137.7148

 3.7407, 6.4723,
1.1496

203.2910,
245.9152, 173.3432

 1.5565, 3.1343,
0.0000

246.8879,

 0.3638, 1.2023,

296.1066, 214.6407

0.0000

296.3107,
352.7010, 262.0258

■ 0.0000, 0.0636,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.5929, 57.7042,
29.9595

■ 43.5929, 57.7042,
29.9595

■ 39.8324, 55.9164,
23.0494

■ 47.9086, 59.7472,
38.4573

■ 36.5969, 54.3652,
17.6247

■ 52.7991, 62.0483,
48.6291


■ 33.8594, 53.0407,
13.5768


■ 58.2883, 64.6197,
60.5597


■ 31.5885, 51.9295,
10.7810


■ 64.3974, 67.4706,
74.3268

 29.7477, 51.0161,
9.0898


 71.1464, 70.6099,
90.0036

 28.2822, 50.2775,
8.2598

 78.0012, 73.8245,
104.7462

 28.1831, 50.2274,
8.2095

 82.3844, 76.0841,
104.9513

 83.3378, 76.5756,
104.9959

Harmonies

Analogous

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



51.6102, 57.7042, 23.2994



43.5929, 57.7042, 29.9595



38.9827, 57.7042, 46.2115

Triad

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



43.5929, 57.7042, 29.9595



48.6863, 57.7042, 128.3714



75.5422, 57.7042, 53.8406

Complementary

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



43.5929, 57.7042, 29.9595



38.7131, 30.4057, 67.4500

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.



74.5171, 57.7042, 83.0200



43.5929, 57.7042, 29.9595



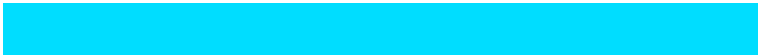
58.2145, 57.7042, 132.2454

Square

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



43.5929, 57.7042, 29.9595



41.6719, 57.7042, 104.3442



67.8862, 57.7042, 113.7400



70.5398, 57.7042, 34.1100

Rectangle

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



43.5929, 57.7042, 29.9595



38.0947, 57.7042, 62.9267



67.8862, 57.7042, 113.7400



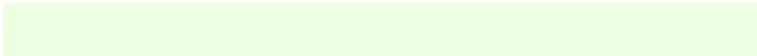
75.9040, 57.7042, 62.7335

Sweetspot

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



43.5943, 57.7067, 29.9608



84.2437, 94.9537, 84.6936



47.8832, 48.1503, 27.8901



17.7974, 20.2143, 17.6159



0.0000, 0.0000, 0.0000



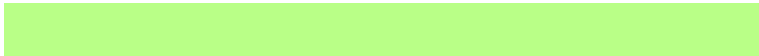
20.3446, 21.4041, 23.3091

Same Dimension

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



43.5943, 57.7067, 29.9608



60.1715, 83.5982, 35.9418



37.7696, 54.6478, 32.2253



12.7477, 14.1462, 13.2193



17.1465, 30.4157, 4.9671



1.1273, 1.8825, 0.3039

Inverse Universe

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



38.7131, 30.4057, 67.4500



51.9301, 37.5784, 99.1241



46.9789, 34.7680, 63.2692



12.4297, 12.3629, 15.6687



12.5553, 5.6250, 38.8772



0.8506, 0.3874, 2.3492

Previews

White Background



This preview shows how the XYZ color 43.5929, 57.7042, 29.9595 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 43.5929, 57.7042, 29.9595 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 43.5929, 57.7042, 29.9595

Background



This preview shows how black text looks on a background with the XYZ color 43.5929, 57.7042, 29.9595.



This preview shows how white text looks on a background with the XYZ color 43.5929, 57.7042,

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

43.5929, 57.7042, 29.9595

Protanopia

52.6768, 57.0538, 27.3049

Deuteranopia

58.2639, 57.1880, 30.8892



Tritanopia

52.7325, 57.4101, 75.3198

Trichromacy



Original Color

43.5929, 57.7042, 29.9595

Protanomaly

48.6475, 56.6979, 28.1184

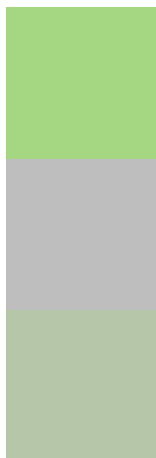
Deuteranomaly

51.5210, 56.3892, 30.3591

Tritanomaly

48.7380, 57.2122, 55.4880

Monochromacy



Original Color

43.5929, 57.7042, 29.9595

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

46.5474, 53.4978, 44.9186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5929, 57.7042, 29.9595 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(165, 214, 130)` looks like.

```
.text, #text, p{  
    color:rgb(165, 214, 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(165, 214, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 214, 130) }
```

Border

The CSS property to change the border of an element to XYZ 43.5929, 57.7042, 29.9595 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(165, 214, 130) }
```


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

```
.border{ border-color:rgb(165, 214, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 214, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 214, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 214, 130);  
box-shadow:4px 4px 4px 4px rgb(165, 214,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5929, 57.7042, 29.9595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 214, 130) }
```

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

```
.background{ background-color: rgb(165,  
214, 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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