

Converting Colors

XYZ(54.4972, 59.6960, 47.3227)

Have a look what the booklet for
XYZ(54.4972, 59.6960, 47.3227)
contains.

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Color

**XYZ(54.3588, 59.5821,
47.1635)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCDAB
RGB	205, 205, 171
RGB Percent	80%, 80%, 67%
CMY	0.1961, 0.1961, 0.3294
CMYK	0.00, 0.00, 0.17, 0.20
HSL	60°, 25%, 74%
HSV	60°, 17%, 80%
XYZ	54.3588, 59.5821, 47.1635
YIQ	201.1240, 10.9140, -10.5740

Conversions

Conversions Part 2

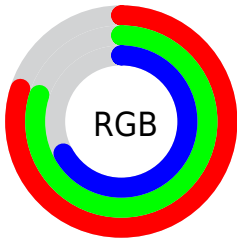
Format	Color
RYB	171, 205, 171
Decimal	13487531
CIELab	81.61, -5.70, 16.97
CIELCh	82, 17.902, 108.580
Yxy	59.5821, 0.3374, 0.3698
Android (android.graphics.Color)	4291677611 (0xFFCDCDAB)
YUV	201.1240, -14.8511, 3.3993
Hunter-Lab	77.1894, -9.3772, 17.8058

Details

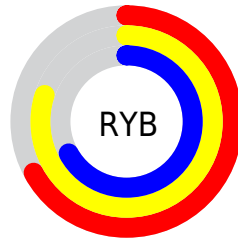
The XYZ color **54.3588, 59.5821, 47.1635** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.3793, 42.1931, 63.6715**, and the grayscale version is **55.6800, 58.5797, 63.7933**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **27.1589, 30.0444, 21.8205** is the 20% darker color. If you saturate the color by 10%, you get **52.5542, 58.8622, 37.6578**, and if you desaturate by 10%, it is **56.4697, 60.4286, 58.2680**.

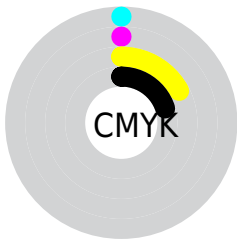
Distribution



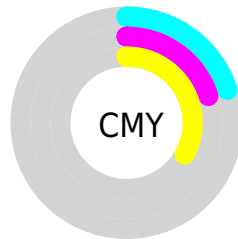
- Red (80%)
- Green (80%)
- Blue (67%)



- Red (67%)
- Yellow (80%)
- Blue (67%)



- Cyan (0%)
- Magenta (0%)
- Yellow (17%)
- Black (20%)




- Cyan (20%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3588, 59.5821, 47.1635 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 54.3588, 59.5821, 47.1635 by changing the saturation by 10% instead.


 54.3588, 59.5821,
47.1635

 54.3588, 59.5821,
47.1635


393.6528,
423.0557, 391.8794

 39.1204, 43.0819,
32.8097


 95.7547, 104.2232,
87.3102

 27.0346, 29.9494,
21.7107


122.6429,
133.1329, 113.9401

 17.7359, 19.8002,
13.4482

154.1450,
166.9479, 145.4991

 10.8591, 12.2499,
7.6036

190.6265,
206.0525, 182.4057

 6.0387, 6.9141,
3.7582

232.4527,
250.8312, 225.0785

 2.9095, 3.4084,
1.4937

279.9889,

 1.1061, 1.3485,

301.6684, 273.9360

0.2132

333.6005,
358.9484, 329.3968

■ 0.0302, 0.1783,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3588, 59.5821,
47.1635

■ 54.3588, 59.5821,
47.1635

■ 52.5542, 58.8622,
37.6578

■ 56.4697, 60.4286,
58.2680

■ 51.0372, 58.2553,
29.6737

■ 58.8952, 61.3989,
71.0362

■ 49.7944, 57.7580,
23.1335

■ 61.6491, 62.5005,
85.5338

■ 48.8094, 57.3639,
17.9509

■ 64.7431, 63.7382,
101.8220

■ 48.0641, 57.0657,
14.0306

■ 65.0637, 63.8665,
103.5060

■ 47.5380, 56.8552,
11.2648

■ 65.0645, 63.8670,
103.5060

■ 47.2074, 56.7229,
9.5279

■ 65.0654, 63.8674,
103.5061

■ 47.0412, 56.6563,
8.6574

■ 65.0662, 63.8678,
103.5061

■ 47.0026, 56.6408,
8.4555

■ 65.0670, 63.8683,
103.5061

Harmonies

Analogous

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



58.0743, 59.5821, 46.6245



54.3588, 59.5821, 47.1635



51.3815, 59.5821, 52.1199

Triad

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



54.3588, 59.5821, 47.1635



51.9821, 59.5821, 81.6704



64.0162, 59.5821, 69.0607

Complementary

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



54.3588, 59.5821, 47.1635



42.3793, 42.1931, 63.6715

Split Complementary

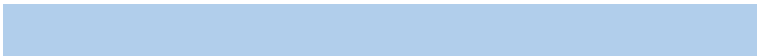
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.2264, 59.5821, 79.5573



54.3588, 59.5821, 47.1635



55.2118, 59.5821, 87.3566

Square

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



54.3588, 59.5821, 47.1635



50.0517, 59.5821, 71.6973



58.9656, 59.5821, 86.5432



63.7630, 59.5821, 58.4994

Rectangle

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



54.3588, 59.5821, 47.1635



50.1646, 59.5821, 57.6042



58.9656, 59.5821, 86.5432



63.6305, 59.5821, 72.7328

Sweetspot

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



54.3604, 59.5847, 47.1648



93.0639, 99.2055, 98.4450



47.0924, 45.0467, 44.7417



19.8621, 21.2111, 20.7689



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.



54.3604, 59.5847, 47.1648



87.8963, 97.1382, 71.2437



49.9233, 57.2974, 46.9571



12.1537, 13.0966, 11.9668



29.2592, 35.2590, 5.2635



1.5095, 1.8190, 0.2715

Inverse Universe

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



42.3793, 42.1931, 63.6715



64.5468, 63.2442, 103.4131



46.3232, 44.2263, 63.8560



10.6019, 10.8441, 14.1047



6.8603, 2.7442, 36.1244



0.3540, 0.1416, 1.8636

Previews

White Background



This preview shows how the XYZ color 54.3588, 59.5821, 47.1635 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 54.3588, 59.5821, 47.1635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

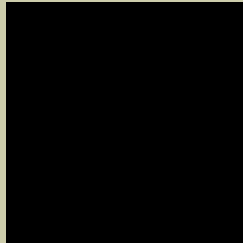
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

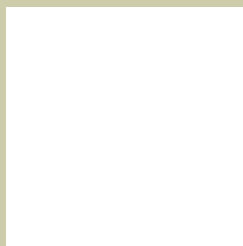
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3588, 59.5821, 47.1635

Background



This preview shows how black text looks on a background with the XYZ color 54.3588, 59.5821, 47.1635.



This preview shows how white text looks on a background with the XYZ color 54.3588, 59.5821,

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

54.3588, 59.5821, 47.1635

Protanopia

56.1078, 59.4395, 46.5460

Deuteranopia

60.6622, 59.3710, 47.7977



Tritanopia

59.5531, 59.6020, 72.6555

Trichromacy



Original Color

54.3588, 59.5821, 47.1635

Protanomaly

55.4756, 59.4630, 46.5838

Deuteranomaly

58.3012, 59.5134, 47.4442

Tritanomaly

57.4899, 59.4521, 62.4782

Monochromacy



Original Color

54.3588, 59.5821, 47.1635

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.7719, 58.5153, 57.1230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3588, 59.5821, 47.1635 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(205, 205, 171)` looks like.

```
.text, #text, p{  
    color:rgb(205, 205, 171)  
}
```

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(205, 205, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 205, 171) }
```

Border

The CSS property to change the border of an element to XYZ 54.3588, 59.5821, 47.1635 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(205, 205, 171) }
```


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

```
.border{ border-color:rgb(205, 205, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 205, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 205, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 205, 171);  
box-shadow:4px 4px 4px 4px rgb(205, 205,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3588, 59.5821, 47.1635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 205, 171) }
```

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

```
.background{ background-color: rgb(205,  
205, 171) }
```

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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