

Converting Colors

XYZ(53.1903, 59.5893, 47.5341)

Have a look what the booklet for
XYZ(53.1903, 59.5893, 47.5341)
contains.

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Color

**XYZ(53.3124, 59.7463,
47.7521)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CFAC
RGB	199, 207, 172
RGB Percent	78%, 81%, 67%
CMY	0.2196, 0.1882, 0.3255
CMYK	0.04, 0.00, 0.17, 0.19
HSL	74°, 27%, 74%
HSV	74°, 17%, 81%
XYZ	53.3124, 59.7463, 47.7521
YIQ	200.6180, 6.4670, -12.5810

Conversions

Conversions Part 2

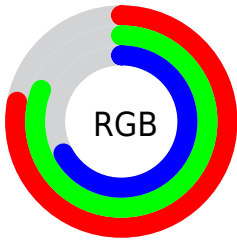
Format	Color
RYB	172, 207, 180
Decimal	13094828
CIELab	81.70, -8.77, 16.50
CIElCh	82, 18.683, 117.998
Yxy	59.7463, 0.3315, 0.3715
Android (android.graphics.Color)	4291284908 (0xFFC7CFAC)
YUV	200.6180, -14.1087, -1.4190
Hunter-Lab	77.2957, -12.1525, 17.4786

Details

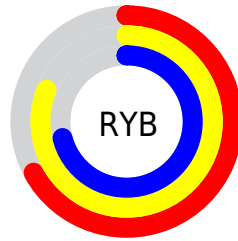
The XYZ color **53.3124, 59.7463, 47.7521** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.8398, 43.7150, 65.1092**, and the grayscale version is **55.3640, 58.2472, 63.4312**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **26.4585, 30.1583, 22.1959** is the 20% darker color. If you saturate the color by 10%, you get **50.2412, 58.3770, 38.0265**, and if you desaturate by 10%, it is **56.7356, 61.2649, 59.1132**.

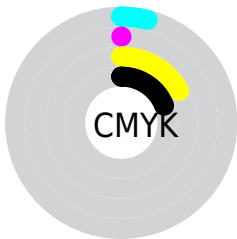
Distribution



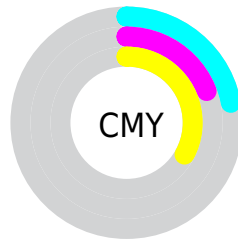
- Red (78%)
- Green (81%)
- Blue (67%)



- Red (67%)
- Yellow (81%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)
- Black (19%)



- Cyan (22%)
- Magenta (19%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3124, 59.7463, 47.7521 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 53.3124, 59.7463, 47.7521 by changing the saturation by 10% instead.

■ 53.3124, 59.7463,
47.7521

■ 53.3124, 59.7463,
47.7521

389.7238,
423.6620, 394.2890

■ 38.2807, 43.2142,
33.2720

■ 94.2267, 104.4616,
88.1969

■ 26.3788, 30.0532,
22.0621

120.8401,
133.4135, 114.9987

■ 17.2414, 19.8790,
13.7038

152.0446,
167.2741, 146.7448

■ 10.5031, 12.3071,
7.7785

188.2058,
206.4279, 183.8538

■ 5.7986, 6.9532,
3.8678

229.6890,
251.2592, 226.7441

■ 2.7625, 3.4328,
1.5531

276.8595,

■ 1.0294, 1.3617,

302.1523, 275.8344

0.2570

330.0826,
359.4918, 331.5432

0.0000, 0.1882,
0.0000

0.0000, 0.0000,
0.0000

53.3124, 59.7463,
47.7521

53.3124, 59.7463,
47.7521

50.2412, 58.3770,
38.0265

56.7356, 61.2649,
59.1132

47.5026, 57.1431,
29.8572

60.5197, 62.9305,
72.1763

45.0824, 56.0411,
23.1643

64.6793, 64.7508,
87.0089

42.9634, 55.0639,
17.8592

69.2266, 66.7309,
103.6740

■ 41.1267, 54.2040,
13.8439

■ 70.6936, 67.4835,
103.9074

■ 39.5507, 53.4528,
11.0075

■ 72.1697, 68.2445,
103.9765

■ 38.2107, 52.8001,
9.2204

■ 73.6870, 69.0267,
104.0475

■ 37.0736, 52.2328,
8.3117

■ 75.2457, 69.8302,
104.1204

■ 36.7451, 52.0675,
8.1134

■ 76.8460, 70.6552,
104.1953

Harmonies

Analogous

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



57.0515, 59.7463, 45.7306



53.3124, 59.7463, 47.7521



50.6158, 59.7463, 54.2438

Triad

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



53.3124, 59.7463, 47.7521



52.8752, 59.7463, 85.1902



64.6802, 59.7463, 65.8125

Complementary

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



53.3124, 59.7463, 47.7521



44.8398, 43.7150, 65.1092

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.



63.4406, 59.7463, 77.2118



53.3124, 59.7463, 47.7521



56.5235, 59.7463, 89.1721

Square

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



53.3124, 59.7463, 47.7521



50.3717, 59.7463, 75.7532



60.4095, 59.7463, 86.0983



63.7252, 59.7463, 55.4121

Rectangle

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



53.3124, 59.7463, 47.7521



49.7105, 59.7463, 60.6557



60.4095, 59.7463, 86.0983



64.5052, 59.7463, 69.6591

Sweetspot

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



53.3140, 59.7489, 47.7534



92.0001, 98.6571, 98.3952



49.4179, 48.7203, 45.8300



19.6026, 21.0773, 20.7568



0.0000, 0.0000, 0.0000



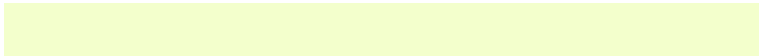
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3140, 59.7489, 47.7534



83.7379, 94.9945, 71.0490



49.0330, 57.5420, 47.5530



12.5281, 13.6557, 12.5875



23.2356, 32.8473, 5.1155



1.3654, 1.8707, 0.2891

Inverse Universe

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



44.8398, 43.7150, 65.1092



67.8621, 64.9533, 103.5683



49.0648, 45.8931, 65.3070



11.4130, 11.5462, 14.8708



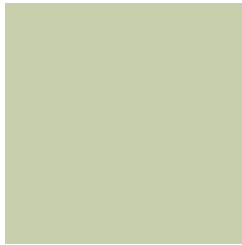
7.9132, 3.2597, 37.4046



0.5135, 0.2189, 2.0948

Previews

White Background



This preview shows how the XYZ color 53.3124, 59.7463, 47.7521 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 53.3124, 59.7463, 47.7521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

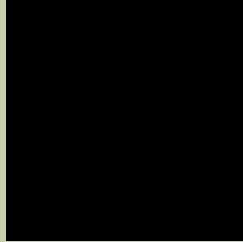
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3124, 59.7463, 47.7521

Background



This preview shows how black text looks on a background with the XYZ color 53.3124, 59.7463, 47.7521.



This preview shows how white text looks on a background with the XYZ color 53.3124, 59.7463,

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

53.3124, 59.7463, 47.7521

Protanopia

56.1078, 59.4395, 46.5460

Deuteranopia

60.7594, 59.4098, 48.3093



Tritanopia

58.5879, 59.7622, 74.0930

Trichromacy



Original Color

53.3124, 59.7463, 47.7521

Protanomaly

55.2380, 59.6813, 47.1364

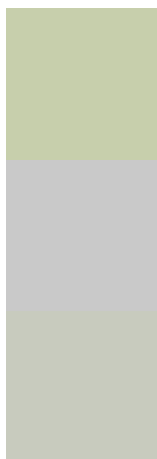
Deuteranomaly

57.7850, 59.2361, 47.9233

Tritanomaly

56.5272, 59.6254, 63.7879

Monochromacy



Original Color

53.3124, 59.7463, 47.7521

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.4696, 58.7089, 57.1763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3124, 59.7463, 47.7521 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(199, 207, 172)` looks like.

```
.text, #text, p{  
    color:rgb(199, 207, 172)  
}
```

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(199, 207, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 207, 172) }
```

Border

The CSS property to change the border of an element to XYZ 53.3124, 59.7463, 47.7521 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(199, 207, 172) }
```


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

```
.border{ border-color:rgb(199, 207, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 207, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 207, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 207, 172);  
box-shadow:4px 4px 4px 4px rgb(199, 207,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3124, 59.7463, 47.7521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 207, 172) }
```

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

```
.background{ background-color: rgb(199,  
207, 172) }
```

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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