

Converting Colors

XYZ(59.0536, 64.8944, 47.9312)

Have a look what the booklet for
XYZ(59.0536, 64.8944, 47.9312)
contains.

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Color

**XYZ(59.1693, 64.9758,
47.9511)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D5AB
RGB	215, 213, 171
RGB Percent	84%, 84%, 67%
CMY	0.1569, 0.1647, 0.3294
CMYK	0.00, 0.01, 0.20, 0.16
HSL	57°, 35%, 76%
HSV	57°, 20%, 84%
XYZ	59.1693, 64.9758, 47.9511
YIQ	208.8100, 14.6740, -12.6380

Conversions

Conversions Part 2

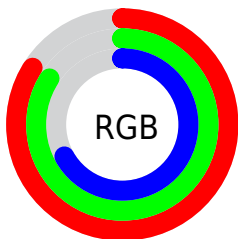
Format	Color
R _{YB}	173, 215, 171
Decimal	14144939
CIE Lab	84.47, -6.14, 21.06
CIE LCh	84, 21.939, 106.243
Yxy	64.9758, 0.3438, 0.3776
Android (android.graphics.Color)	4292335019 (0xFFD7D5AB)
YUV	208.8100, -18.6403, 5.4286
Hunter-Lab	80.6076, -10.0368, 21.1554

Details

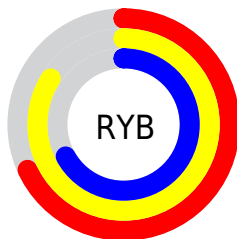
The XYZ color **59.1693, 64.9758, 47.9511** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.0039, 43.4506, 70.3581**, and the grayscale version is **60.5929, 63.7484, 69.4220**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **30.0538, 33.2592, 22.2884** is the 20% darker color. If you saturate the color by 10%, you get **57.0406, 63.7352, 37.9400**, and if you desaturate by 10%, it is **61.6363, 66.3585, 59.7211**.

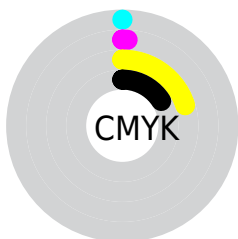
Distribution



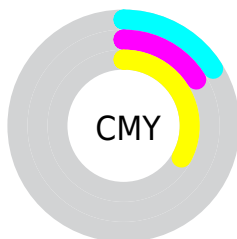
- Red (84%)
- Green (84%)
- Blue (67%)



- Red (68%)
- Yellow (84%)
- Blue (67%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1693, 64.9758, 47.9511 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 59.1693, 64.9758, 47.9511 by changing the saturation by 10% instead.

■ 59.1693, 64.9758,
47.9511

■ 59.1693, 64.9758,
47.9511

411.4130,
442.7050, 395.1014

■ 42.9963, 47.4415,
33.4284

■ 102.7369,
112.0151, 88.4964

■ 30.0767, 33.3848,
22.1811

130.8622,
142.2888, 115.3561

■ 20.0452, 22.4214,
13.7904

163.7024,
177.5777, 147.1652

■ 12.5364, 14.1668,
7.8380

201.6227,
218.2663, 184.3424

■ 7.1849, 8.2368,
3.9052

244.9886,
264.7390, 227.3060

■ 3.6253, 4.2468,
1.5735

294.1654,

■ 1.4924, 1.8126,

317.3800, 276.4747

0.2718

349.5184,
376.5739, 332.2670

■ 0.3207, 0.4950,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1693, 64.9758,
47.9511

■ 59.1693, 64.9758,
47.9511

■ 57.0406, 63.7352,
37.9400

■ 61.6363, 66.3585,
59.7211

■ 55.2289, 62.6216,
29.5990

■ 64.4515, 67.8805,
73.3249

■ 53.7186, 61.6309,
22.8375

■ 67.6307, 69.5506,
88.8382

■ 52.4905, 60.7555,
17.5551

■ 70.8631, 71.2443,
104.6244

■ 51.5234, 59.9867,
13.6395

■ 71.1151, 71.7482,
104.7084

■ 50.7928, 59.3150,
10.9625

■ 71.3685, 72.2551,
104.7928

■ 50.2699, 58.7286,
9.3717

■ 71.6234, 72.7650,
104.8778

■ 49.9157, 58.2294,
8.6086

■ 71.8799, 73.2778,
104.9633

■ 72.1378, 73.7936,
105.0493

Harmonies

Analogous

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



64.0166, 64.9758, 47.7186



59.1693, 64.9758, 47.9511



55.2234, 64.9758, 53.7379

Triad

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



59.1693, 64.9758, 47.9511



55.4911, 64.9758, 91.9927



71.3300, 64.9758, 77.3344

Complementary

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



59.1693, 64.9758, 47.9511



44.0039, 43.4506, 70.3581

Split Complementary

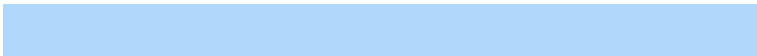
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.7878, 64.9758, 91.0140



59.1693, 64.9758, 47.9511



59.5523, 64.9758, 100.2002

Square

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



59.1693, 64.9758, 47.9511



53.1776, 64.9758, 78.5357



64.4202, 64.9758, 99.8201



71.2141, 64.9758, 63.4922

Rectangle

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



59.1693, 64.9758, 47.9511



53.5593, 64.9758, 60.4617



64.4202, 64.9758, 99.8201



70.7525, 64.9758, 82.1386

Sweetspot

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



59.1710, 64.9787, 47.9525



92.4627, 98.6115, 96.3652



50.1502, 46.5986, 45.9888



19.7330, 21.0756, 20.3472



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.



59.1710, 64.9787, 47.9525



85.5161, 94.7217, 63.2105



54.2092, 63.1706, 47.8650



13.4223, 14.4189, 13.2364



29.8771, 34.8715, 5.1562



1.8173, 2.1338, 0.3161

Inverse Universe

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



44.0039, 43.4506, 70.3581



58.9220, 56.9753, 102.4996



48.2650, 45.0835, 70.4487



11.7873, 12.0981, 15.6514



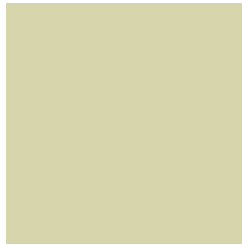
7.4205, 3.1028, 38.6609



0.4638, 0.2197, 2.3373

Previews

White Background



This preview shows how the XYZ color 59.1693, 64.9758, 47.9511 looks on a white background.

Color Contrast Check

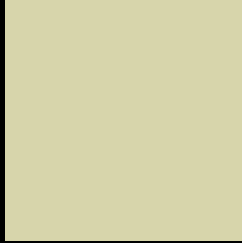
Large Text (above 18pt) WCAG AA × Fail

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 59.1693, 64.9758, 47.9511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

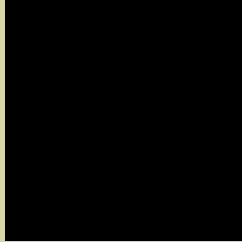
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

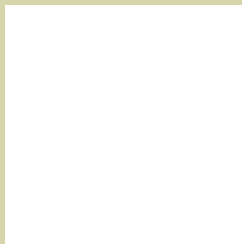
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1693, 64.9758, 47.9511

Background



This preview shows how black text looks on a background with the XYZ color 59.1693, 64.9758, 47.9511.



This preview shows how white text looks on a background with the XYZ color 59.1693, 64.9758,

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

59.1693, 64.9758, 47.9511

Protanopia

61.0428, 64.8428, 47.3288

Deuteranopia

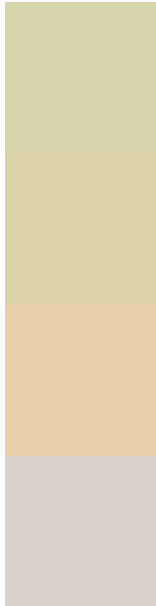
66.2070, 64.9621, 48.5846



Tritanopia

65.3803, 64.9461, 78.1972

Trichromacy



Original Color

59.1693, 64.9758, 47.9511

Protanomaly

60.3688, 64.8630, 47.3682

Deuteranomaly

63.3635, 64.9278, 48.2224

Tritanomaly

62.7934, 64.9728, 65.7313

Monochromacy



Original Color

59.1693, 64.9758, 47.9511

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.7609, 63.8822, 60.8105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1693, 64.9758, 47.9511 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(215, 213, 171)` looks like.

```
.text, #text, p{  
    color:rgb(215, 213, 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(215, 213, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 213, 171) }
```

Border

The CSS property to change the border of an element to XYZ 59.1693, 64.9758, 47.9511 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(215, 213, 171) }
```


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

```
.border{ border-color:rgb(215, 213, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 213, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 213, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 213, 171);  
box-shadow:4px 4px 4px 4px rgb(215, 213,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1693, 64.9758, 47.9511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 213, 171) }
```

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

```
.background{ background-color: rgb(215,  
213, 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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