

Converting Colors

XYZ(60.1899, 63.9766, 54.0929)

Have a look what the booklet for
XYZ(60.1899, 63.9766, 54.0929)
contains.

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Color

**XYZ(59.9630, 63.7715,
53.9485)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D1B7
RGB	217, 209, 183
RGB Percent	85%, 82%, 72%
CMY	0.1490, 0.1804, 0.2823
CMYK	0.00, 0.04, 0.16, 0.15
HSL	46°, 31%, 78%
HSV	46°, 16%, 85%
XYZ	59.9630, 63.7715, 53.9485
YIQ	208.4280, 13.1140, -6.3900

Conversions

Conversions Part 2

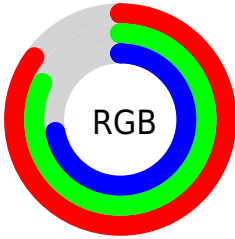
Format	Color
R _{YB}	193, 217, 183
Decimal	14274999
CIE Lab	83.85, -1.54, 13.89
CIE LCh	84, 13.975, 96.342
Yxy	63.7715, 0.3375, 0.3589
Android (android.graphics.Color)	4292465079 (0xFFD9D1B7)
YUV	208.4280, -12.5360, 7.5176
Hunter-Lab	79.8571, -5.7179, 15.8458

Details

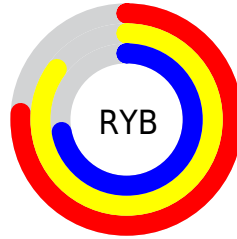
The XYZ color **59.9630, 63.7715, 53.9485** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.6836, 52.3377, 73.0771**, and the grayscale version is **60.3063, 63.4470, 69.0937**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **30.6509, 32.7358, 25.8223** is the 20% darker color. If you saturate the color by 10%, you get **56.6448, 60.4749, 42.5451**, and if you desaturate by 10%, it is **63.6730, 67.2933, 67.2020**.

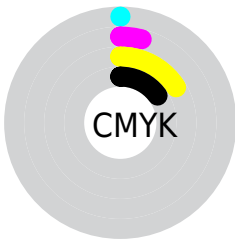
Distribution



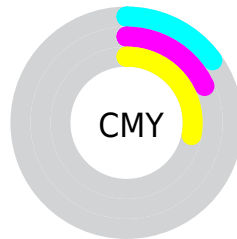
- Red (85%)
- Green (82%)
- Blue (72%)



- Red (76%)
- Yellow (85%)
- Blue (72%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (15%)





- Cyan (15%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9630, 63.7715, 53.9485 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 59.9630, 63.7715, 53.9485 by changing the saturation by 10% instead.


 59.9630, 63.7715,
53.9485

 59.9630, 63.7715,
53.9485

414.2983,
438.3640, 419.0827

 43.6382, 46.4656,
38.1676


 103.8826,
110.2818, 97.4543

 30.5828, 32.6134,
25.8099


132.2082,
140.2550, 126.0162

 20.4317, 21.8305,
16.4570


165.2646,
175.2194, 159.6756

 12.8193, 13.7324,
9.6903

203.4173,
215.5595, 198.8509

 7.3804, 7.9348,
5.0912

247.0317,
261.6596, 243.9607

 3.7495, 4.0532,
2.2412

296.4731,

 1.5614, 1.7034,

313.9041, 295.4236

0.6980

352.1068,
372.6775, 353.6581

■ 0.3671, 0.4258,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9630, 63.7715,
53.9485

■ 59.9630, 63.7715,
53.9485

■ 56.6448, 60.4749,
42.5451

■ 63.6730, 67.2933,
67.2020

■ 53.6970, 57.3879,
32.9040

■ 67.7850, 71.0385,
82.3801

■ 51.1038, 54.5057,
24.9360

■ 72.3150, 75.0163,
99.5581

■ 48.8462, 51.8201,
18.5428

■ 74.8007, 78.2422,
105.7676

■ 46.9031, 49.3221,
13.6155

■ 76.2370, 81.1149,
106.2464

■ 45.2508, 47.0016,
10.0315

■ 77.7153, 84.0713,
106.7391

■ 43.8620, 44.8469,
7.6479

■ 79.2357, 87.1122,
107.2459

■ 42.7028, 42.8440,
6.2890

■ 80.7987, 90.2382,
107.7669

■ 42.2460, 42.0128,
5.8827

■ 82.4046, 93.4500,
108.3022

Harmonies

Analogous

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



63.0134, 63.7715, 55.0699



59.9630, 63.7715, 53.9485



57.1806, 63.7715, 56.6859

Triad

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



59.9630, 63.7715, 53.9485



55.9799, 63.7715, 79.9476



66.1839, 63.7715, 76.4458

Complementary

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



59.9630, 63.7715, 53.9485



50.6836, 52.3377, 73.0771

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.



64.1799, 63.7715, 83.9682



59.9630, 63.7715, 53.9485



58.2742, 63.7715, 86.1063

Square

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



59.9630, 63.7715, 53.9485



54.9316, 63.7715, 71.3211



61.2675, 63.7715, 87.6364



66.6730, 63.7715, 67.5851

Rectangle

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



59.9630, 63.7715, 53.9485



55.8296, 63.7715, 60.4790



61.2675, 63.7715, 87.6364



65.6619, 63.7715, 79.2371

Sweetspot

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



59.9647, 63.7743, 53.9499



92.1155, 97.3076, 98.1286



55.0086, 52.4032, 56.7956



19.6308, 20.7483, 20.6918



0.0000, 0.0000, 0.0000



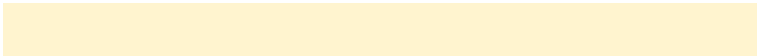
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9647, 63.7743, 53.9499



84.6798, 90.2075, 71.6921



59.5141, 66.5278, 54.5051



13.8892, 14.7177, 13.8343



25.6579, 25.6014, 3.5893



1.7264, 1.7868, 0.2539

Inverse Universe

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



50.6836, 52.3377, 73.0771



68.7135, 70.5345, 104.6007



51.0705, 50.0190, 72.6092



12.5860, 13.1118, 16.5196



8.3669, 4.6033, 40.1859



0.6085, 0.4311, 2.6256

Previews

White Background



This preview shows how the XYZ color 59.9630, 63.7715, 53.9485 looks on a white background.

Color Contrast Check

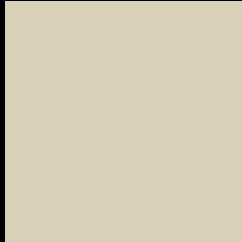
Large Text (above 18pt) WCAG AA × Fail

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 59.9630, 63.7715, 53.9485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

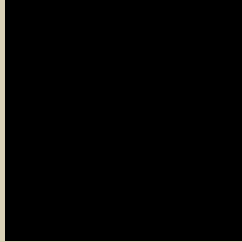
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

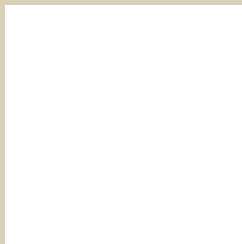
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9630, 63.7715, 53.9485

Background



This preview shows how black text looks on a background with the XYZ color 59.9630, 63.7715, 53.9485.



This preview shows how white text looks on a background with the XYZ color 59.9630, 63.7715,

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

59.9630, 63.7715, 53.9485

Protanopia

60.3165, 63.5907, 53.8950

Deuteranopia

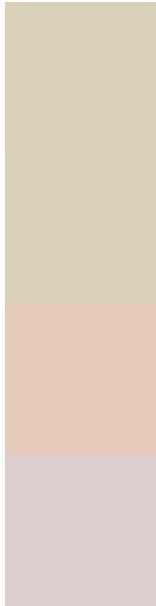
64.9035, 63.4532, 54.7259



Tritanopia

64.6353, 63.8826, 76.6341

Trichromacy



Original Color

59.9630, 63.7715, 53.9485

Protanomaly

60.0166, 63.4361, 53.8809

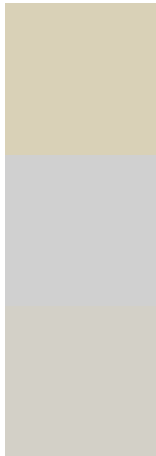
Deuteranomaly

62.8777, 63.4694, 54.2842

Tritanomaly

62.8490, 63.8633, 68.0458

Monochromacy



Original Color

59.9630, 63.7715, 53.9485

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.7286, 63.0842, 63.0613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9630, 63.7715, 53.9485 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(217, 209, 183) looks like.

```
.text, #text, p{  
    color:rgb(217, 209, 183)  
}
```

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(217, 209, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 209, 183) }
```

Border

The CSS property to change the border of an element to XYZ 59.9630, 63.7715, 53.9485 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(217, 209, 183) }
```


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

```
.border{ border-color:rgb(217, 209, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 209, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 209, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 209, 183);  
box-shadow:4px 4px 4px 4px rgb(217, 209,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9630, 63.7715, 53.9485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 209, 183) }
```

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

```
.background{ background-color: rgb(217,  
209, 183) }
```

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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