

Converting Colors

XYZ(53.6984, 59.7293, 32.5113)

Have a look what the booklet for
XYZ(53.6984, 59.7293, 32.5113)
contains.

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Color

**XYZ(53.4981, 59.4658,
32.3253)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CD89
RGB	212, 205, 137
RGB Percent	83%, 80%, 54%
CMY	0.1686, 0.1961, 0.4627
CMYK	0.00, 0.03, 0.35, 0.17
HSL	54°, 47%, 68%
HSV	54°, 35%, 83%
XYZ	53.4981, 59.4658, 32.3253
YIQ	199.3410, 26.0000, -19.6640

Conversions

Conversions Part 2

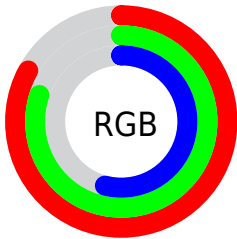
Format	Color
R _{YB}	145, 212, 137
Decimal	13946249
CIE Lab	81.55, -7.63, 34.76
CIE LCh	82, 35.591, 102.383
Yxy	59.4658, 0.3682, 0.4093
Android (android.graphics.Color)	4292136329 (0xFFD4CD89)
YUV	199.3410, -30.7341, 11.1019
Hunter-Lab	77.1141, -11.1148, 29.1262

Details

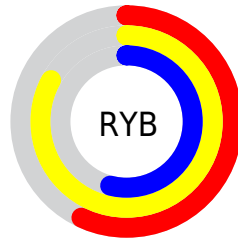
The XYZ color **53.4981, 59.4658, 32.3253** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.1734, 30.0177, 66.3858**, and the grayscale version is **54.6675, 57.5145, 62.6333**.

A 20% lighter version of the original color is **86.4040, 96.5416, 63.3706**, and **26.4566, 29.8730, 13.1758** is the 20% darker color. If you saturate the color by 10%, you get **51.6549, 57.9786, 24.9312**, and if you desaturate by 10%, it is **55.6491, 61.0899, 41.2976**.

Distribution



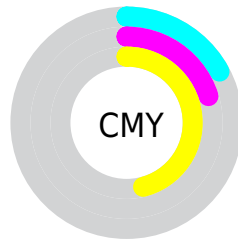
- Red (83%)
- Green (80%)
- Blue (54%)



- Red (57%)
- Yellow (83%)
- Blue (54%)



- Cyan (0%)
- Magenta (3%)
- Yellow (35%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4981, 59.4658, 32.3253 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 53.4981, 59.4658, 32.3253 by changing the saturation by 10% instead.

■ 53.4981, 59.4658,
32.3253

■ 53.4981, 59.4658,
32.3253

390.4229,
422.6259, 327.1367

■ 38.4296, 42.9882,
21.3432

■ 94.4981, 104.0544,
64.4245

■ 26.4950, 29.8759,
13.1814

■ 121.1604,
132.9341, 86.3788

■ 17.3290, 19.7444,
7.4214

■ 152.4180,
166.7167, 112.8274

■ 10.5661, 12.2094,
3.6446

188.6362,
205.7865, 144.1891

■ 5.8410, 6.8864,
1.4325

230.1805,
250.5279, 180.8824

■ 2.7884, 3.3912,
0.1668

277.4161,

■ 1.0429, 1.3392,

301.3254, 223.3257

0.0000

330.7084,
358.5632, 271.9376

■ 0.0000, 0.1713,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.4981, 59.4658,
32.3253

■ 53.4981, 59.4658,
32.3253

■ 51.6549, 57.9786,
24.9312

■ 55.6491, 61.0899,
41.2976

■ 50.0975, 56.6131,
19.0189

■ 58.1195, 62.8494,
51.9293

■ 48.8078, 55.3641,
14.4873

■ 60.9260, 64.7528,
64.3007

■ 47.7640, 54.2230,
11.2214

■ 64.0826, 66.8059,
78.4857

■ 46.9406, 53.1795,
9.0871

■ 67.6024, 69.0141,
94.5538

■ 46.3065, 52.2211,
7.9205

■ 69.9806, 70.7754,
104.5804

■ 46.0511, 51.7963,
7.5705

■ 70.4930, 71.8001,
104.7512

■ 71.0114, 72.8370,
104.9240

■ 71.5360, 73.8862,
105.0989

Harmonies

Analogous

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



60.9768, 59.4658, 32.9407



53.4981, 59.4658, 32.3253



47.3869, 59.4658, 38.8836

Triad

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



53.4981, 59.4658, 32.3253



46.5675, 59.4658, 96.5976



71.3338, 59.4658, 78.0031

Complementary

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



53.4981, 59.4658, 32.3253



32.1734, 30.0177, 66.3858

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.



66.7582, 59.4658, 100.1052



53.4981, 59.4658, 32.3253



52.2867, 59.4658, 112.3599

Square

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



53.4981, 59.4658, 32.3253



43.6284, 59.4658, 73.9691



59.6546, 59.4658, 113.7689



71.7307, 59.4658, 56.3273

Rectangle

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



53.4981, 59.4658, 32.3253



44.7327, 59.4658, 47.5010



59.6546, 59.4658, 113.7689



70.2160, 59.4658, 85.7339

Sweetspot

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



53.4996, 59.4685, 32.3265



90.0293, 96.6654, 86.5501



41.1699, 33.9180, 30.9641



19.1472, 20.6065, 17.9856



0.0000, 0.0000, 0.0000



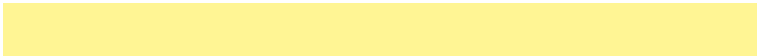
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4996, 59.4685, 32.3265



79.2331, 88.7064, 40.9215



47.3507, 58.8386, 32.5290



13.3692, 14.3127, 13.2187



28.4691, 32.0555, 4.6868



1.7466, 1.9925, 0.2925

Inverse Universe

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



32.1734, 30.0177, 66.3858



42.4526, 37.9225, 99.6900



36.7663, 30.8610, 66.3066



11.8348, 12.1931, 15.6673



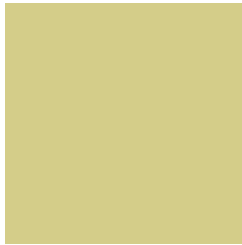
7.5207, 3.3032, 38.6944



0.4864, 0.2648, 2.3448

Previews

White Background



This preview shows how the XYZ color 53.4981, 59.4658, 32.3253 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 53.4981, 59.4658, 32.3253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

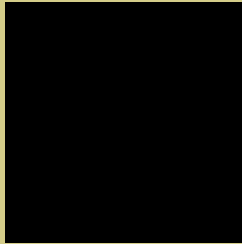
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4981, 59.4658, 32.3253

Background



This preview shows how black text looks on a background with the XYZ color 53.4981, 59.4658, 32.3253.



This preview shows how white text looks on a background with the XYZ color 53.4981, 59.4658,

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

53.4981, 59.4658, 32.3253

Protanopia

55.3151, 59.7051, 31.9014

Deuteranopia

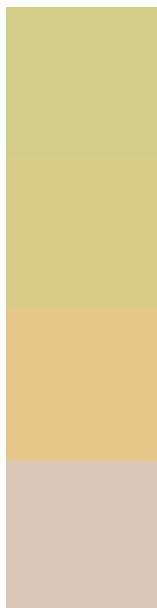
60.5699, 59.3249, 32.6846



Tritanopia

61.3166, 59.5552, 69.8916

Trichromacy



Original Color

53.4981, 59.4658, 32.3253

Protanomaly

54.6521, 59.7150, 31.9382

Deuteranomaly

57.7365, 59.2121, 32.4308

Tritanomaly

57.9886, 59.2130, 53.7203

Monochromacy



Original Color

53.4981, 59.4658, 32.3253

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.6250, 57.7452, 49.3939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4981, 59.4658, 32.3253 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(212, 205, 137)` looks like.

```
.text, #text, p{  
    color:rgb(212, 205, 137)  
}
```

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(212, 205, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 205, 137) }
```

Border

The CSS property to change the border of an element to XYZ 53.4981, 59.4658, 32.3253 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(212, 205, 137) }
```


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

```
.border{ border-color:rgb(212, 205, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 205, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 205, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 205, 137);  
box-shadow:4px 4px 4px 4px rgb(212, 205,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4981, 59.4658, 32.3253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 205, 137) }
```

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

```
.background{ background-color: rgb(212,  
205, 137) }
```

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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