

Converting Colors

XYZ(54.9859, 61.6116, 35.3797)

Have a look what the booklet for
XYZ(54.9859, 61.6116, 35.3797)
contains.

XYZ(54.9859, 61.6116, 35.3797)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.9859, 61.6116,
35.3797)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D190
RGB	212, 209, 144
RGB Percent	83%, 82%, 56%
CMY	0.1686, 0.1804, 0.4353
CMYK	0.00, 0.01, 0.32, 0.17
HSL	57°, 44%, 70%
HSV	57°, 32%, 83%
XYZ	54.9859, 61.6116, 35.3797
YIQ	202.4870, 22.6530, -19.5790

Conversions

Conversions Part 2

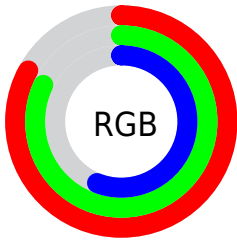
Format	Color
RYB	147, 212, 144
Decimal	13947280
CIELab	82.71, -8.84, 32.69
CIELCh	83, 33.860, 105.130
Yxy	61.6116, 0.3618, 0.4054
Android (android.graphics.Color)	4292137360 (0xFFD4D190)
YUV	202.4870, -28.8341, 8.3429
Hunter-Lab	78.4931, -12.3202, 28.2210

Details

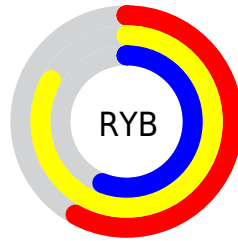
The XYZ color **54.9859, 61.6116, 35.3797** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.8189, 31.5494, 66.5947**, and the grayscale version is **56.6094, 59.5575, 64.8582**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **27.4074, 31.3009, 14.9531** is the 20% darker color. If you saturate the color by 10%, you get **53.2876, 60.5690, 27.5564**, and if you desaturate by 10%, it is **56.9930, 62.7842, 44.8085**.

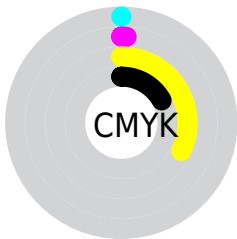
Distribution



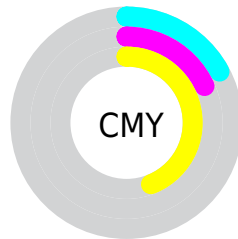
- Red (83%)
- Green (82%)
- Blue (56%)



- Red (58%)
- Yellow (83%)
- Blue (56%)



- Cyan (0%)
- Magenta (1%)
- Yellow (32%)
- Black (17%)





- Cyan (17%)
- Magenta (18%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9859, 61.6116, 35.3797 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 54.9859, 61.6116, 35.3797 by changing the saturation by 10% instead.


 54.9859, 61.6116,
35.3797


 54.9859, 61.6116,
35.3797


395.9958,
430.5129, 341.1962

 39.6242, 44.7189,
23.6696


 96.6687, 107.1640,
69.2318

 27.4286, 31.2361,
14.8788


 123.7206,
136.5925, 92.2109

 18.0336, 20.7787,
8.5887


155.3999,
170.9684, 119.7834

 11.0740, 12.9623,
4.3808

192.0721,
210.6761, 152.3679

 6.1843, 7.4026,
1.8365

234.1024,
256.1001, 190.3829

 2.9992, 3.7151,
0.4518

281.8562,

 1.1533, 1.5155,

307.6246, 234.2469

0.0000

335.6989,
365.6341, 284.3785

■ 0.0690, 0.2996,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9859, 61.6116,
35.3797

■ 54.9859, 61.6116,
35.3797

■ 53.2876, 60.5690,
27.5564

■ 56.9930, 62.7842,
44.8085

■ 51.8763, 59.6411,
21.2448

■ 59.3199, 64.0848,
55.9219

■ 50.7349, 58.8234,
16.3476

■ 61.9828, 65.5219,
68.7983

■ 49.8423, 58.1073,
12.7540

■ 64.9956, 67.1011,
83.5101

■ 49.1744, 57.4832,
10.3375

■ 68.3712, 68.8276,
100.1257

■ 48.7024, 56.9396,
8.9458

■ 69.4021, 69.6183,
104.3875

■ 48.4280, 56.5502,
8.3628

■ 69.6399, 70.0941,
104.4668

■ 69.8792, 70.5725,
104.5466

■ 70.1197, 71.0537,
104.6268

Harmonies

Analogous

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



62.2217, 61.6116, 35.3489



54.9859, 61.6116, 35.3797



49.1996, 61.6116, 42.6151

Triad

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



54.9859, 61.6116, 35.3797



49.2396, 61.6116, 99.6521



73.1392, 61.6116, 77.8936

Complementary

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



54.9859, 61.6116, 35.3797



33.8189, 31.5494, 66.5947

Split Complementary

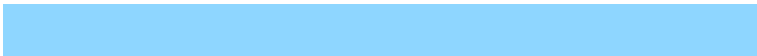
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.0381, 61.6116, 99.4845



54.9859, 61.6116, 35.3797



55.0448, 61.6116, 113.7043

Square

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



54.9859, 61.6116, 35.3797



46.0736, 61.6116, 78.0882



62.2857, 61.6116, 113.6373



73.1201, 61.6116, 57.1664

Rectangle

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



54.9859, 61.6116, 35.3797



46.7690, 61.6116, 51.6146



62.2857, 61.6116, 113.6373



72.1827, 61.6116, 85.3726

Sweetspot

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



54.9875, 61.6144, 35.3810



90.8556, 97.7507, 88.5745



42.4231, 36.0634, 32.4944



19.3298, 20.8587, 18.3950



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.



54.9875, 61.6144, 35.3810



81.8338, 92.5594, 45.9455



47.7280, 58.9731, 35.2538



13.4238, 14.4218, 13.2369



29.9170, 34.9512, 5.1695



1.8193, 2.1377, 0.3167

Inverse Universe

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



33.8189, 31.5494, 66.5947



45.1554, 40.4696, 100.0392



39.4471, 33.7685, 66.7264



11.7860, 12.0955, 15.6510



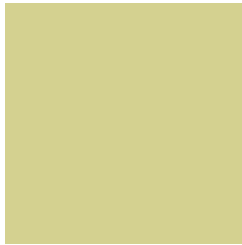
7.4181, 3.0979, 38.6601



0.4632, 0.2184, 2.3371

Previews

White Background



This preview shows how the XYZ color 54.9859, 61.6116, 35.3797 looks on a white background.

Color Contrast Check

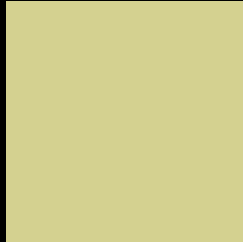
Large Text (above 18pt) WCAG AA × Fail

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 54.9859, 61.6116, 35.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

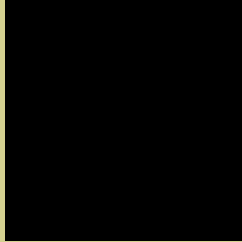
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9859, 61.6116, 35.3797

Background



This preview shows how black text looks on a background with the XYZ color 54.9859, 61.6116, 35.3797.



This preview shows how white text looks on a background with the XYZ color 54.9859, 61.6116,

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

54.9859, 61.6116, 35.3797

Protanopia

57.1534, 61.6554, 34.8750

Deuteranopia

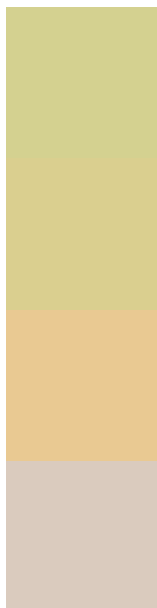
62.8889, 61.4516, 36.1505



Tritanopia

62.8677, 61.6386, 73.5497

Trichromacy



Original Color

54.9859, 61.6116, 35.3797

Protanomaly

56.1842, 61.5142, 34.8988

Deuteranomaly

59.6792, 61.1722, 35.8561

Tritanomaly

59.5636, 61.3350, 57.4147

Monochromacy



Original Color

54.9859, 61.6116, 35.3797

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.6254, 60.1207, 52.3887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9859, 61.6116, 35.3797 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, 209, 144)` looks like.

```
.text, #text, p{  
    color:rgb(212, 209, 144)  
}
```

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, 209, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 209, 144) }
```

Border

The CSS property to change the border of an element to XYZ 54.9859, 61.6116, 35.3797 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, 209, 144) }
```


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

```
.border{ border-color:rgb(212, 209, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 209, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 209, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 209, 144);  
box-shadow:4px 4px 4px 4px rgb(212, 209,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9859, 61.6116, 35.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 209, 144) }
```

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

```
.background{ background-color: rgb(212,  
209, 144) }
```

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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