

Converting Colors

XYZ(51.3172, 54.5277, 41.6319)

Have a look what the booklet for
XYZ(51.3172, 54.5277, 41.6319)
contains.

| | |
|--|----|
| XYZ(51.4017, 54.7252, 41.5721) | 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(51.4017, 54.7252,
41.5721)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CEC3A1 |
| RGB | 206, 195, 161 |
| RGB Percent | 81%, 76%, 63% |
| CMY | 0.1922, 0.2353, 0.3686 |
| CMYK | 0.00, 0.05, 0.22, 0.19 |
| HSL | 45°, 31%, 72% |
| HSV | 45°, 22%, 81% |
| XYZ | 51.4017, 54.7252, 41.5721 |
| YIQ | 194.4130, 17.4700, -8.2420 |

Conversions

Conversions Part 2

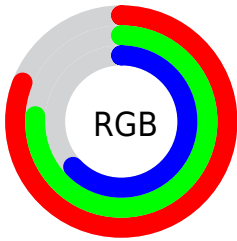
| Format | Color |
|-------------------------------------|---|
| RYB | 176, 206, 161 |
| Decimal | 13550497 |
| CIELab | 78.88, -1.61, 18.50 |
| CIElCh | 79, 18.569, 94.983 |
| Yxy | 54.7252, 0.3480, 0.3705 |
| Android (android.graphics.Color) | 4291740577 (0xFFCEC3A1) |
| YUV | 194.4130, -16.4726, 10.1618 |
| Hunter-Lab | 73.9765, -5.4302, 18.4647 |

Details

The XYZ color **51.4017, 54.7252, 41.5721** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.5909, 41.5374, 64.2709**, and the grayscale version is **51.6114, 54.2992, 59.1319**.

A 20% lighter version of the original color is **88.1319, 95.2122, 78.6985**, and **25.0477, 26.7332, 18.3079** is the 20% darker color. If you saturate the color by 10%, you get **48.6243, 51.8418, 32.4102**, and if you desaturate by 10%, it is **54.5193, 57.8093, 52.3253**.

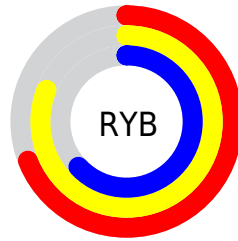
Distribution



Red (81%)

Green (76%)

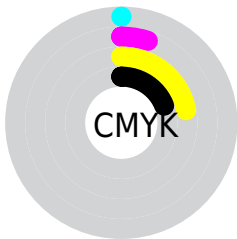
Blue (63%)



Red (69%)

Yellow (81%)

Blue (63%)

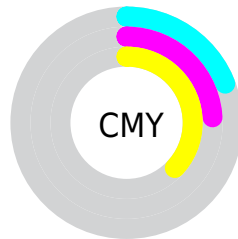


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (19%)



Cyan (19%)

Magenta (24%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4017, 54.7252, 41.5721 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 51.4017, 54.7252, 41.5721 by changing the saturation by 10% instead.

■ 51.4017, 54.7252,
41.5721

■ 51.4017, 54.7252,
41.5721

382.4845,
404.8694, 368.4533

■ 36.7507, 39.1818,
28.4433

■ 91.4277, 97.1382,
78.8147

■ 25.1873, 26.9011,
18.4182

■ 117.5335,
124.7766, 103.7656

■ 16.3462, 17.4990,
11.0781

148.1883,
157.2153, 133.4942

■ 9.8618, 10.5909,
6.0045

183.7574,
194.8389, 168.4192

■ 5.3690, 5.7925,
2.7790

224.6062,
238.0318, 208.9591

■ 2.5023, 2.7193,
0.9829

271.1001,

■ 0.8964, 0.9870,

287.1782, 255.5324

0.0000

323.6044,
342.6626, 308.5576

■ 0.0000, 0.0000,
0.0000

■ 51.4017, 54.7252,
41.5721

■ 51.4017, 54.7252,
41.5721

■ 48.6243, 51.8418,
32.4102

■ 54.5193, 57.8093,
52.3253

■ 46.1678, 49.1451,
24.7589

■ 57.9869, 61.0929,
64.7383

■ 44.0175, 46.6306,
18.5356

■ 61.8190, 64.5843,
78.8798

■ 42.1554, 44.2903,
13.6484

■ 66.0281, 68.2891,
94.8136

■ 40.5617, 42.1159,
9.9945

■ 69.1423, 71.6190,
104.7874

■ 39.2138, 40.0976,
7.4563

■ 70.4848, 74.3040,
105.2349

■ 38.0844, 38.2238,
5.8929

■ 71.8673, 77.0691,
105.6958

■ 37.2860, 36.7865,
5.1353

■ 73.2904, 79.9152,
106.1701

■ 74.7543, 82.8430,
106.6581

Harmonies

Analogous

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



55.0687, 54.7252, 43.0259



51.4017, 54.7252, 41.5721



48.0575, 54.7252, 44.4600

Triad

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



51.4017, 54.7252, 41.5721



46.4231, 54.7252, 71.9932



58.7026, 54.7252, 68.5856

Complementary

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



51.4017, 54.7252, 41.5721



40.5909, 41.5374, 64.2709

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.



56.1833, 54.7252, 77.8050



51.4017, 54.7252, 41.5721



49.0757, 54.7252, 79.9296

Square

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



51.4017, 54.7252, 41.5721



45.2710, 54.7252, 61.3663



52.6325, 54.7252, 82.1723



59.3969, 54.7252, 57.8413

Rectangle

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



51.4017, 54.7252, 41.5721



46.4253, 54.7252, 48.6851



52.6325, 54.7252, 82.1723



58.0355, 54.7252, 72.0045

Sweetspot

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



51.4031, 54.7277, 41.5733



90.9323, 96.1519, 94.0022



45.6694, 41.6004, 44.7791



19.3902, 20.5111, 19.8593



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.



51.4031, 54.7277, 41.5733



81.2007, 86.5370, 60.3971



50.9459, 58.2850, 42.2840



11.9126, 12.6142, 11.8864



23.0388, 22.8105, 3.1886



1.2456, 1.2909, 0.1835

Inverse Universe

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



40.5909, 41.5374, 64.2709



60.7694, 61.6154, 103.2978



40.9543, 38.7457, 63.7129



10.8207, 11.2818, 14.1777



7.6358, 4.2955, 36.3829



0.4553, 0.3445, 1.8974

Previews

White Background



This preview shows how the XYZ color 51.4017, 54.7252, 41.5721 looks on a white background.

Color Contrast Check

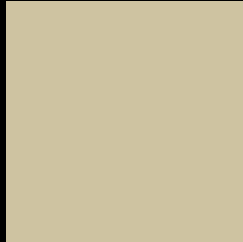
Large Text (above 18pt) WCAG AA × Fail

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 51.4017, 54.7252, 41.5721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

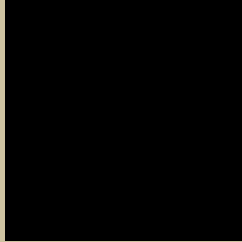
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4017, 54.7252, 41.5721

Background



This preview shows how black text looks on a background with the XYZ color 51.4017, 54.7252, 41.5721.



This preview shows how white text looks on a background with the XYZ color 51.4017, 54.7252,

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

51.4017, 54.7252, 41.5721

Protanopia

51.4017, 54.7252, 41.5721

Deuteranopia

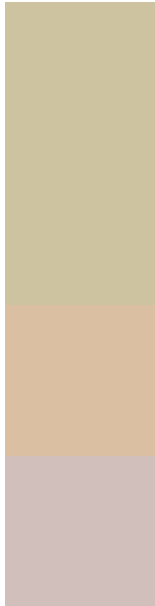
55.8688, 54.7438, 41.8044



Tritanopia

55.9606, 54.6037, 64.7169

Trichromacy



Original Color

51.4017, 54.7252, 41.5721

Protanomaly

51.4017, 54.7252, 41.5721

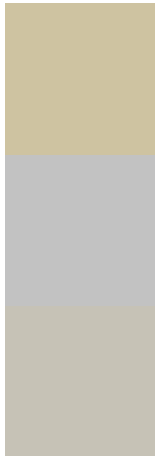
Deuteranomaly

54.3658, 54.9303, 41.9196

Tritanomaly

54.0024, 54.4478, 55.2402

Monochromacy



Original Color

51.4017, 54.7252, 41.5721

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.0240, 53.9667, 51.9833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4017, 54.7252, 41.5721 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(206, 195, 161) looks like.

```
.text, #text, p{  
    color:rgb(206, 195, 161)  
}
```

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(206, 195, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 161) }
```

Border

The CSS property to change the border of an element to XYZ 51.4017, 54.7252, 41.5721 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(206, 195, 161) }
```


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

```
.border{ border-color:rgb(206, 195, 161) }
```

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

Here you see how a box with a 4 pixel rgb(206, 195, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 195, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 195, 161);  
box-shadow:4px 4px 4px 4px rgb(206, 195,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4017, 54.7252, 41.5721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 195, 161) }
```

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

```
.background{ background-color: rgb(206,  
195, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor