

Converting Colors

XYZ(48.5167, 53.3308, 44.2286)

Have a look what the booklet for
XYZ(48.5167, 53.3308, 44.2286)
contains.

XYZ(48.4825, 53.1577, 44.2644)	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(48.4825, 53.1577,
44.2644)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C3A7
RGB	193, 195, 167
RGB Percent	76%, 76%, 65%
CMY	0.2431, 0.2353, 0.3451
CMYK	0.01, 0.00, 0.14, 0.24
HSL	64°, 19%, 71%
HSV	64°, 14%, 76%
XYZ	48.4825, 53.1577, 44.2644
YIQ	191.2100, 7.7960, -9.1320

Conversions

Conversions Part 2

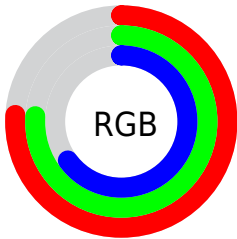
Format	Color
RYB	167, 195, 169
Decimal	12698535
CIELab	77.97, -5.53, 13.85
CIELCh	78, 14.919, 111.768
Yxy	53.1577, 0.3323, 0.3643
Android (android.graphics.Color)	4290888615 (0xFFC1C3A7)
YUV	191.2100, -11.9355, 1.5698
Hunter-Lab	72.9093, -8.8942, 15.0406

Details

The XYZ color **48.4825, 53.1577, 44.2644** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.0333, 40.0140, 57.2461**, and the grayscale version is **49.7082, 52.2969, 56.9514**.

A 20% lighter version of the original color is **87.4196, 95.2187, 82.8788**, and **23.2668, 25.7765, 19.9687** is the 20% darker color. If you saturate the color by 10%, you get **46.4605, 52.3098, 35.4585**, and if you desaturate by 10%, it is **50.7826, 54.1208, 54.5046**.

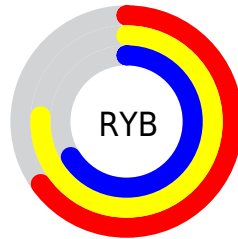
Distribution



Red (76%)

Green (76%)

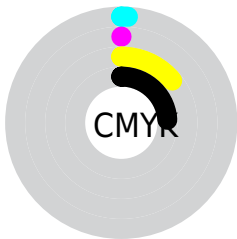
Blue (65%)



Red (65%)

Yellow (76%)

Blue (66%)

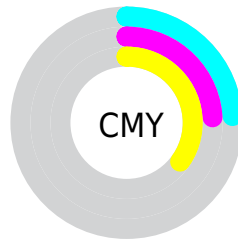


Cyan (1%)

Magenta (0%)

Yellow (14%)

Black (24%)



Cyan (24%)


Magenta (24%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4825, 53.1577, 44.2644 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 48.4825, 53.1577, 44.2644 by changing the saturation by 10% instead.


 48.4825, 53.1577,
44.2644


 48.4825, 53.1577,
44.2644

371.2523,
398.8899, 379.8590

 34.4220, 37.9287,
30.5397


 87.1277, 94.8364,
82.9222

 23.3824, 25.9273,
19.9931


 112.4431,
122.0548, 108.6923

 14.9984, 16.7693,
12.2060


142.2409,
154.0385, 139.3147

 8.9045, 10.0701,
6.7599

176.8864,
191.1719, 175.2079

 4.7356, 5.4455,
3.2362

216.7449,
233.8393, 216.7903

 2.1261, 2.5109,
1.2165

262.1818,

 0.7034, 0.8821,

282.4252, 264.4807

0.0000

313.5625,
337.3139, 318.6974

■ 0.0000, 0.0000,
0.0000

■ 48.4825, 53.1577,
44.2644

■ 48.4825, 53.1577,
44.2644

■ 46.4605, 52.3098,
35.4585

■ 50.7826, 54.1208,
54.5046

■ 44.7001, 51.5651,
28.0194

■ 53.3679, 55.1966,
66.2354

■ 43.1899, 50.9208,
21.8797

■ 56.2506, 56.3918,
79.5145

■ 41.9154, 50.3713,
16.9646

■ 59.4409, 57.7103,
94.3954

■ 40.8612, 49.9103,
13.1918

■ 61.3799, 58.5288,
102.6699

■ 40.0097, 49.5307,
10.4691

■ 61.7543, 58.7218,
102.6874

■ 39.3406, 49.2244,
8.6897

■ 62.1321, 58.9166,
102.7051

■ 38.8294, 48.9817,
7.7244

■ 62.5133, 59.1131,
102.7229

■ 38.5838, 48.8621,
7.3977

■ 62.8980, 59.3114,
102.7409

Harmonies

Analogous

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



51.3284, 53.1577, 43.4537



48.4825, 53.1577, 44.2644



46.2650, 53.1577, 48.5381

Triad

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



48.4825, 53.1577, 44.2644



47.1480, 53.1577, 71.3697



56.2541, 53.1577, 60.1993

Complementary

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



48.4825, 53.1577, 44.2644



40.0333, 40.0140, 57.2461

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.



55.0384, 53.1577, 68.3490



48.4825, 53.1577, 44.2644



49.7297, 53.1577, 75.1900

Square

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



48.4825, 53.1577, 44.2644



45.5153, 53.1577, 64.0141



52.6237, 53.1577, 74.0346



55.8890, 53.1577, 52.1503

Rectangle

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



48.4825, 53.1577, 44.2644



45.4055, 53.1577, 53.0201



52.6237, 53.1577, 74.0346



56.0151, 53.1577, 63.0275

Sweetspot

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



48.4839, 53.1600, 44.2655



91.0780, 96.9803, 98.2006



43.6456, 42.7199, 42.5054



19.8719, 21.2072, 21.1754



0.0000, 0.0000, 0.0000



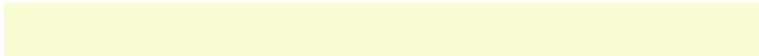
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4839, 53.1600, 44.2655



85.7287, 94.7431, 74.4374



45.1133, 51.4224, 44.1078



10.8400, 11.7205, 10.7528



25.1062, 31.7715, 4.8093



1.1064, 1.3839, 0.2088

Inverse Universe

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



40.0333, 40.0140, 57.2461



67.8998, 67.0071, 101.8248



43.1674, 41.6297, 57.3928



9.5936, 9.7816, 12.6672



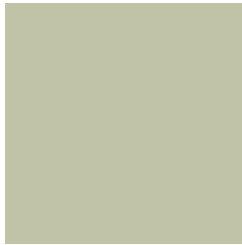
6.5469, 2.6355, 33.7203



0.3063, 0.1260, 1.4581

Previews

White Background



This preview shows how the XYZ color 48.4825, 53.1577, 44.2644 looks on a white background.

Color Contrast Check

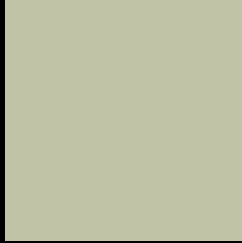
Large Text (above 18pt) WCAG AA × Fail

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 48.4825, 53.1577, 44.2644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

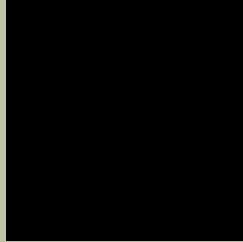
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

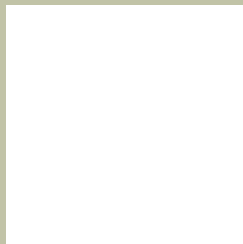
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4825, 53.1577, 44.2644

Background



This preview shows how black text looks on a background with the XYZ color 48.4825, 53.1577, 44.2644.



This preview shows how white text looks on a background with the XYZ color 48.4825, 53.1577,

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

48.4825, 53.1577, 44.2644

Protanopia

50.0897, 53.0090, 43.6681

Deuteranopia

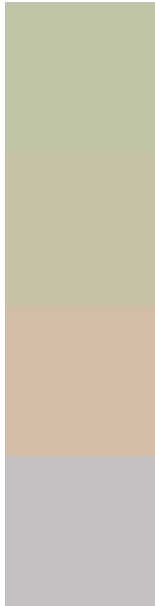
54.2355, 53.1980, 44.9458



Tritanopia

52.7216, 53.2405, 65.2553

Trichromacy



Original Color

48.4825, 53.1577, 44.2644

Protanomaly

49.5061, 53.0352, 43.7040

Deuteranomaly

51.8438, 52.9240, 44.5287

Tritanomaly

51.0186, 53.1966, 56.8692

Monochromacy



Original Color

48.4825, 53.1577, 44.2644

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.0314, 52.2831, 51.7634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4825, 53.1577, 44.2644 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(193, 195, 167)` looks like.

```
.text, #text, p{  
    color:rgb(193, 195, 167)  
}
```

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(193, 195, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 195, 167) }
```

Border

The CSS property to change the border of an element to XYZ 48.4825, 53.1577, 44.2644 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(193, 195, 167) }
```


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

```
.border{ border-color:rgb(193, 195, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 195, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 195, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 195, 167);  
box-shadow:4px 4px 4px 4px rgb(193, 195,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4825, 53.1577, 44.2644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 195, 167) }
```

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

```
.background{ background-color: rgb(193,  
195, 167) }
```

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