

Converting Colors

XYZ(50.9046, 58.7605, 44.1640)

Have a look what the booklet for
XYZ(50.9046, 58.7605, 44.1640)
contains.

XYZ(50.8426, 58.5487, 44.2187)	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(50.8426, 58.5487,
44.2187)**

Conversions

Conversions Part 1

Format	Color
Hex	C0CFA5
RGB	192, 207, 165
RGB Percent	75%, 81%, 65%
CMY	0.2471, 0.1882, 0.3529
CMYK	0.07, 0.00, 0.20, 0.19
HSL	81°, 30%, 73%
HSV	81°, 20%, 81%
XYZ	50.8426, 58.5487, 44.2187
YIQ	197.7270, 4.5420, -16.2420

Conversions

Conversions Part 2

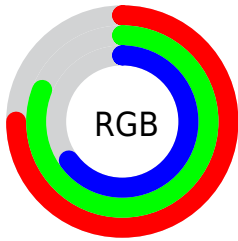
Format	Color
RYB	165, 207, 180
Decimal	12636069
CIELab	81.04, -12.41, 19.21
CIElCh	81, 22.866, 122.859
Yxy	58.5487, 0.3310, 0.3812
Android (android.graphics.Color)	4290826149 (0xFFC0CFA5)
YUV	197.7270, -16.1344, -5.0226
Hunter-Lab	76.5171, -15.2988, 19.2987

Details

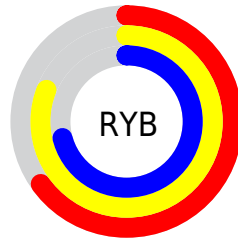
The XYZ color **50.8426, 58.5487, 44.2187** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.5423, 41.1202, 64.6767**, and the grayscale version is **53.6050, 56.3966, 61.4159**.

A 20% lighter version of the original color is **87.7452, 96.8270, 81.7750**, and **24.8531, 29.3780, 19.9834** is the 20% darker color. If you saturate the color by 10%, you get **47.2839, 56.9162, 35.0003**, and if you desaturate by 10%, it is **54.8035, 60.3568, 55.0502**.

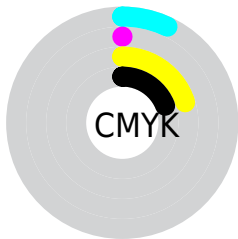
Distribution



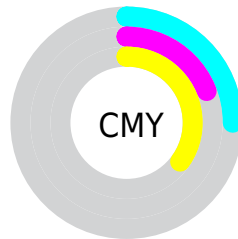
- Red (75%)
- Green (81%)
- Blue (65%)



- Red (65%)
- Yellow (81%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (20%)
- Black (19%)



- Cyan (25%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8426, 58.5487, 44.2187 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 50.8426, 58.5487, 44.2187 by changing the saturation by 10% instead.

■ 50.8426, 58.5487,
44.2187

■ 50.8426, 58.5487,
44.2187

380.3497,
419.2274, 379.6674

■ 36.3039, 42.2499,
30.5040

■ 90.6064, 102.7215,
82.8527

■ 24.8402, 29.2970,
19.9662

■ 116.5623,
131.3642, 108.6091

■ 16.0861, 19.3056,
12.1866

147.0546,
164.8905, 139.2165

■ 9.6764, 11.8913,
6.7468

182.4486,
203.6846, 175.0935

■ 5.2455, 6.6697,
3.2282

223.1098,
248.1309, 216.6585

■ 2.4283, 3.2564,
1.2123

269.4035,

■ 0.8592, 1.2670,

298.6139, 264.3301

0.0000

321.6950,
355.5180, 318.5269

■ 0.0000, 0.1155,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.8426, 58.5487,
44.2187

■ 50.8426, 58.5487,
44.2187

■ 47.2839, 56.9162,
35.0003

■ 54.8035, 60.3568,
55.0502

■ 44.1067, 55.4452,
27.3140

■ 59.1770, 62.3390,
67.5631

■ 41.2953, 54.1310,
21.0776

■ 63.9788, 64.5037,
81.8263

■ 38.8310, 52.9660,
16.1994

■ 69.2222, 66.8563,
97.9036

■ 36.6928, 51.9417,
12.5776

■ 72.6686, 68.5016,
103.9998

■ 34.8574, 51.0485,
10.0956

■ 75.0783, 69.7439,
104.1126

■ 33.2968, 50.2751,
8.6156

■ 77.5898, 71.0386,
104.2301

■ 31.9963, 49.6194,
7.8911

■ 80.2042, 72.3864,
104.3525

■ 81.6040, 73.1080,
104.4180

Harmonies

Analogous

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



55.1948, 58.5487, 41.0465



50.8426, 58.5487, 44.2187



47.9162, 58.5487, 52.5545

Triad

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



50.8426, 58.5487, 44.2187



51.5886, 58.5487, 89.9513



65.2702, 58.5487, 62.4547

Complementary

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



50.8426, 58.5487, 44.2187



43.5423, 41.1202, 64.6767

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.



64.1714, 58.5487, 76.4312



50.8426, 58.5487, 44.2187



56.1052, 58.5487, 93.5786

Square

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



50.8426, 58.5487, 44.2187



48.3294, 58.5487, 79.0081



60.7487, 58.5487, 88.3211



63.6722, 58.5487, 50.5941

Rectangle

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



50.8426, 58.5487, 44.2187



47.0758, 58.5487, 60.5555



60.7487, 58.5487, 88.3211



65.2041, 58.5487, 67.0541

Sweetspot

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



50.8441, 58.5513, 44.2200



90.7014, 98.0316, 96.3461



48.7865, 48.5055, 42.3894



19.3157, 20.9383, 20.3427



0.0000, 0.0000, 0.0000



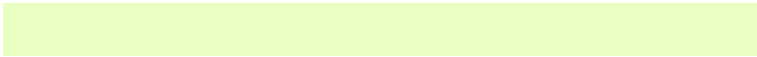
20.3446, 21.4041, 23.3091

Same Dimension

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



50.8441, 58.5513, 44.2200



79.1247, 92.7530, 64.6541



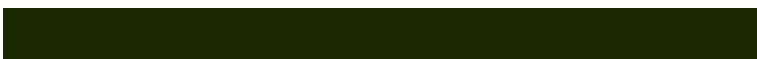
45.9662, 56.0366, 43.9917



12.3767, 13.5776, 12.5805



20.2645, 31.3157, 4.9765



1.2178, 1.7947, 0.2822

Inverse Universe

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



43.5423, 41.1202, 64.6767



65.5163, 60.2620, 102.7864



48.7266, 43.7928, 64.9193



11.5565, 11.6202, 14.8775



8.9666, 3.8027, 37.4539



0.5869, 0.2567, 2.0982

Previews

White Background



This preview shows how the XYZ color 50.8426, 58.5487, 44.2187 looks on a white background.

Color Contrast Check

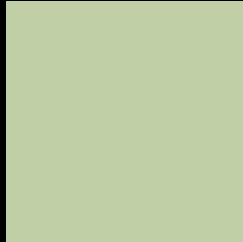
Large Text (above 18pt) WCAG AA × Fail

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 50.8426, 58.5487, 44.2187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

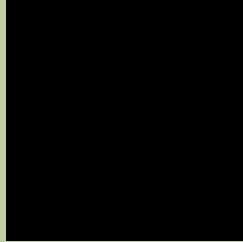
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8426, 58.5487, 44.2187

Background



This preview shows how black text looks on a background with the XYZ color 50.8426, 58.5487, 44.2187.



This preview shows how white text looks on a background with the XYZ color 50.8426, 58.5487,

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

50.8426, 58.5487, 44.2187

Protanopia

54.8488, 58.5281, 42.5886

Deuteranopia

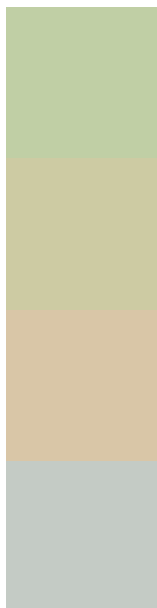
59.4166, 58.1229, 45.1330



Tritanopia

56.6021, 58.4085, 73.2565

Trichromacy



Original Color

50.8426, 58.5487, 44.2187

Protanomaly

53.1436, 58.3354, 43.1092

Deuteranomaly

55.7844, 57.9299, 44.8007

Tritanomaly

54.1989, 58.4789, 61.2543

Monochromacy



Original Color

50.8426, 58.5487, 44.2187

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.5145, 57.0542, 54.6991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8426, 58.5487, 44.2187 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(192, 207, 165)` looks like.

```
.text, #text, p{  
    color:rgb(192, 207, 165)  
}
```

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(192, 207, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 207, 165) }
```

Border

The CSS property to change the border of an element to XYZ 50.8426, 58.5487, 44.2187 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(192, 207, 165) }
```


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

```
.border{ border-color:rgb(192, 207, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 207, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 207, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 207, 165);  
box-shadow:4px 4px 4px 4px rgb(192, 207,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8426, 58.5487, 44.2187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 207, 165) }
```

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

```
.background{ background-color: rgb(192,  
207, 165) }
```

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