

Converting Colors

XYZ(50.2187, 52.9387, 64.6981)

Have a look what the booklet for
XYZ(50.2187, 52.9387, 64.6981)
contains.

XYZ(50.2187, 52.9387, 64.6981)	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(50.2187, 52.9387,
64.6981)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC1CC
RGB	186, 193, 204
RGB Percent	73%, 76%, 80%
CMY	0.2706, 0.2431, 0.2000
CMYK	0.09, 0.05, 0.00, 0.20
HSL	217°, 15%, 76%
HSV	217°, 9%, 80%
XYZ	50.2187, 52.9387, 64.6981
YIQ	192.1610, -7.7030, 1.9370

Conversions

Conversions Part 2

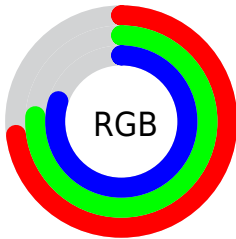
Format	Color
R _Y B	186, 191, 204
Decimal	12239308
CIE Lab	77.84, -0.26, -6.35
CIE LCh	78, 6.355, 267.632
Yxy	52.9387, 0.2992, 0.3154
Android (android.graphics.Color)	4290429388 (0xFFBAC1CC)
YUV	192.1610, 5.8366, -5.4032
Hunter-Lab	72.7590, -4.1264, -1.7900

Details

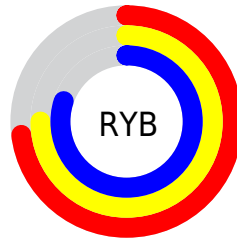
The XYZ color **50.2187, 52.9387, 64.6981** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7311, 56.3144, 54.4930**, and the grayscale version is **50.1684, 52.7811, 57.4786**.

A 20% lighter version of the original color is **88.5436, 93.8486, 108.0556**, and **24.5560, 25.9447, 32.5678** is the 20% darker color. If you saturate the color by 10%, you get **42.9725, 45.2853, 63.6036**, and if you desaturate by 10%, it is **58.4078, 61.4257, 65.9055**.

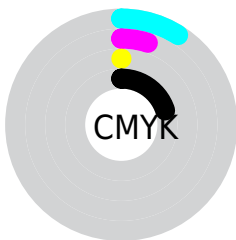
Distribution



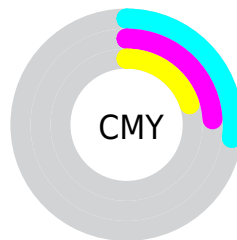
- Red (73%)
- Green (76%)
- Blue (80%)



- Red (73%)
- Yellow (75%)
- Blue (80%)



- Cyan (9%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2187, 52.9387, 64.6981 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 50.2187, 52.9387, 64.6981 by changing the saturation by 10% instead.

■ 50.2187, 52.9387,
64.6981

■ 50.2187, 52.9387,
64.6981

377.9584,
398.0499, 459.9828

■ 35.8057, 37.7538,
46.7665

■ 89.6887, 94.5142,
113.2248

■ 24.4536, 25.7917,
32.4981

115.4764,
121.6735, 144.6571

■ 15.7970, 16.6679,
21.4743

145.7865,
153.5932, 181.4266

■ 9.4705, 9.9980,
13.2765

180.9841,
190.6576, 223.9520

■ 5.1089, 5.3976,
7.4863

221.4348,
233.2511, 272.6517

■ 2.3467, 2.4824,
3.6850

267.5039,

■ 0.8184, 0.8678,

281.7580, 327.9444

1.4542

319.5566,
336.5628, 390.2486

■ 0.0000, 0.0000,
0.1834

■ 0.0000, 0.0000,
0.0000

■ 50.2187, 52.9387,
64.6981

■ 50.2187, 52.9387,
64.6981

■ 42.9725, 45.2853,
63.6036

■ 58.4078, 61.4257,
65.9055

■ 36.6289, 38.4320,
62.6151

■ 67.5687, 70.7652,
67.2253

■ 31.1517, 32.3528,
61.7304

■ 77.7347, 80.9835,
68.6619

■ 26.5002, 27.0175,
60.9457

■ 84.1470, 89.6351,
69.9938

■ 22.6301, 22.3939,
60.2573

■ 87.8992, 97.1397,
71.2446

■ 19.4928, 18.4466,
59.6607

■ 17.0336, 15.1370,
59.1515

■ 15.1888, 12.4211,
58.7245

■ 13.8596, 10.2359,
58.3728

Harmonies

Analogous

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



49.0575, 52.9387, 63.5711



50.2187, 52.9387, 64.6981



51.4247, 52.9387, 63.8712

Triad

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



50.2187, 52.9387, 64.6981



52.4474, 52.9387, 54.5479



48.3398, 52.9387, 54.0806

Complementary

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



50.2187, 52.9387, 64.6981



53.7311, 56.3144, 54.4930

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.



49.2246, 52.9387, 51.8302



50.2187, 52.9387, 64.6981



51.5971, 52.9387, 52.0921

Square

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



50.2187, 52.9387, 64.6981



52.7239, 52.9387, 57.9224



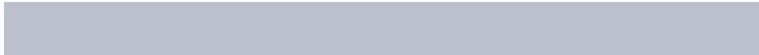
50.4147, 52.9387, 51.1171



47.9838, 52.9387, 57.3610

Rectangle

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



50.2187, 52.9387, 64.6981



52.0895, 52.9387, 62.3411



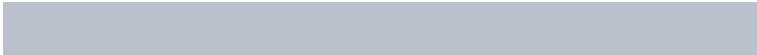
50.4147, 52.9387, 51.1171



48.5845, 52.9387, 53.1837

Sweetspot

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



50.2202, 52.9409, 64.6993



90.8184, 95.6321, 108.2799



51.8985, 57.6477, 61.0958



19.2021, 20.2240, 23.1415



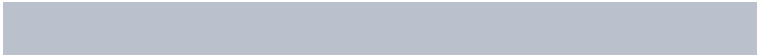
0.0000, 0.0000, 0.0000



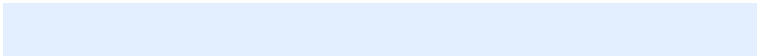
20.3446, 21.4041, 23.3091

Same Dimension

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



50.2202, 52.9409, 64.6993



80.2476, 84.6124, 106.7101



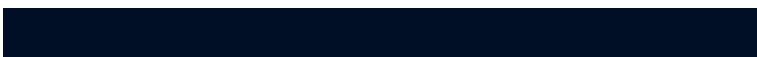
49.1486, 50.1442, 64.2159



10.9537, 11.5479, 14.2220



8.7211, 6.4661, 36.7447



0.5231, 0.4799, 1.9200

Inverse Universe

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



52.0875, 51.8064, 57.7091



84.1080, 82.3358, 92.2432



54.8679, 59.3162, 55.0125



11.3900, 11.2847, 12.5884



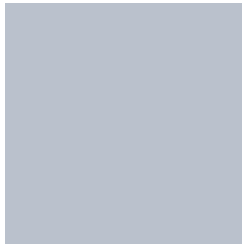
16.6129, 8.4558, 5.6802



0.8940, 0.4510, 0.4875

Previews

White Background



This preview shows how the XYZ color 50.2187, 52.9387, 64.6981 looks on a white background.

Color Contrast Check

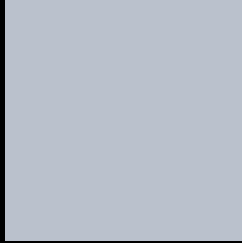
Large Text (above 18pt) WCAG AA × Fail

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 50.2187, 52.9387, 64.6981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

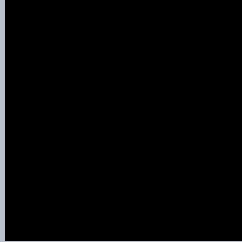
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

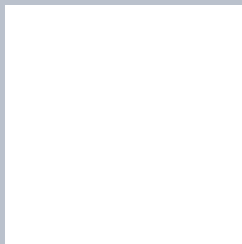
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2187, 52.9387, 64.6981

Background



This preview shows how black text looks on a background with the XYZ color 50.2187, 52.9387, 64.6981.

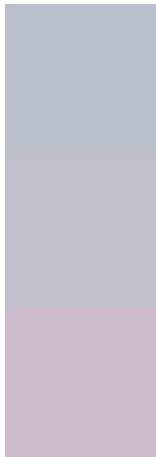


This preview shows how white text looks on a background with the XYZ color 50.2187, 52.9387,

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

50.2187, 52.9387, 64.6981

Protanopia

51.4026, 52.9109, 64.0035

Deuteranopia

53.9666, 52.9276, 65.1293



Tritanopia

50.7283, 52.8181, 67.1958

Trichromacy



Original Color

50.2187, 52.9387, 64.6981

Protanomaly

50.8643, 52.9582, 64.0410

Deuteranomaly

52.5057, 52.8087, 65.1834

Tritanomaly

50.6056, 52.7691, 66.5497

Monochromacy



Original Color

50.2187, 52.9387, 64.6981

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.0486, 52.6319, 59.7457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2187, 52.9387, 64.6981 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(186, 193, 204)` looks like.

```
.text, #text, p{  
    color:rgb(186, 193, 204)  
}
```

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(186, 193, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 193, 204) }
```

Border

The CSS property to change the border of an element to XYZ 50.2187, 52.9387, 64.6981 is called "border". The border property can be set on classes, ids or directly on the HTML element.

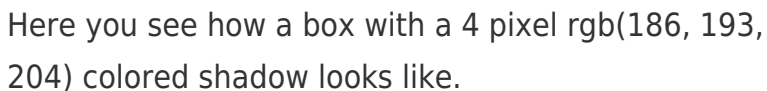
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 193, 204) }
```


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

```
.border{ border-color:rgb(186, 193, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 193, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 193, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 193, 204);  
box-shadow:4px 4px 4px 4px rgb(186, 193,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2187, 52.9387, 64.6981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 193, 204) }
```

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

```
.background{ background-color: rgb(186,  
193, 204) }
```

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