

Converting Colors

XYZ(68.9410, 68.8010, 52.8263)

Have a look what the booklet for
XYZ(68.9410, 68.8010, 52.8263)
contains.

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Color

**XYZ(68.9410, 68.8010,
52.8263)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D2B4
RGB	245, 210, 180
RGB Percent	96%, 82%, 71%
CMY	0.0392, 0.1764, 0.2941
CMYK	0.00, 0.14, 0.27, 0.04
HSL	28°, 76%, 83%
HSV	28°, 27%, 96%
XYZ	68.9410, 68.8010, 52.8263
YIQ	217.0450, 30.4900, -1.9100

Conversions

Conversions Part 2

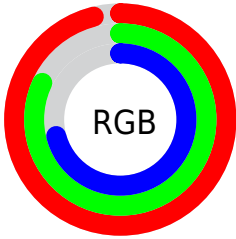
Format	Color
R _Y B	245, 236, 180
Decimal	16110260
CIE Lab	86.41, 7.84, 19.41
CIE LCh	86, 20.931, 67.996
Yxy	68.8010, 0.3618, 0.3610
Android (android.graphics.Color)	4294300340 (0xFFFF5D2B4)
YUV	217.0450, -18.2632, 24.5165
Hunter-Lab	82.9464, 3.2044, 20.3023

Details

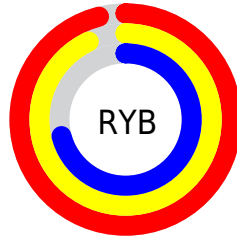
The XYZ color **68.9410, 68.8010, 52.8263** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.6036, 64.8948, 95.7709**, and the grayscale version is **66.0923, 69.5343, 75.7228**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **36.4583, 36.0006, 25.1059** is the 20% darker color. If you saturate the color by 10%, you get **63.5394, 61.6449, 39.7814**, and if you desaturate by 10%, it is **75.0559, 76.6767, 68.2869**.

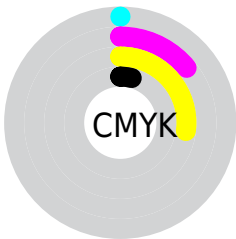
Distribution



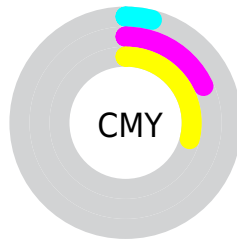
- Red (96%)
- Green (82%)
- Blue (71%)



- Red (96%)
- Yellow (93%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.9410, 68.8010, 52.8263 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 68.9410, 68.8010, 52.8263 by changing the saturation by 10% instead.


 68.9410, 68.8010,
52.8263

 68.9410, 68.8010,
52.8263

446.1475,
456.3288, 414.6657

 50.9401, 50.5497,
37.2773


 116.7318,
117.4973, 95.7877

 36.3818, 35.8503,
25.1248


147.2525,
148.7110, 124.0372

 24.9007, 24.3186,
15.9502


182.6771,
185.0144, 157.3573

 16.1314, 15.5701,
9.3350


223.3711,
226.7917, 196.1665

 9.7086, 9.2205,
4.8605

269.6998,
274.4274, 240.8835

 5.2670, 4.8853,
2.1084

322.0285,

 2.4411, 2.1801,

328.3059, 291.9266

0.6207

380.7226,
388.8116, 349.7145

■ 0.8657, 0.7091,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.9410, 68.8010,
52.8263

■ 68.9410, 68.8010,
52.8263

■ 63.5394, 61.6449,
39.7814

■ 75.0559, 76.6767,
68.2869

■ 58.8159, 55.1769,
29.0235

■ 81.9064, 85.2837,
86.2744

■ 54.7404, 49.3765,
20.4183

■ 89.5204, 94.6452,
106.8982

■ 51.2778, 44.2186,
13.8154

■ 91.4663, 98.1525,
108.7323

■ 48.3889, 39.6760,
9.0447

■ 46.0289, 35.7185,
5.9073

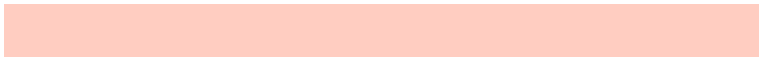
■ 44.1429, 32.3113,
4.1542

■ 43.5722, 31.2444,
3.7343

Harmonies

Analogous

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



73.0017, 68.8010, 59.6790



68.9410, 68.8010, 52.8263



64.1077, 68.8010, 51.5052

Triad

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



68.9410, 68.8010, 52.8263



56.6068, 68.8010, 78.6803



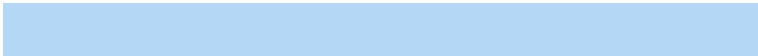
71.2890, 68.8010, 97.9308

Complementary

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



68.9410, 68.8010, 52.8263



59.6036, 64.8948, 95.7709

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.



66.6960, 68.8010, 104.5146



68.9410, 68.8010, 52.8263



58.3328, 68.8010, 92.5402

Square

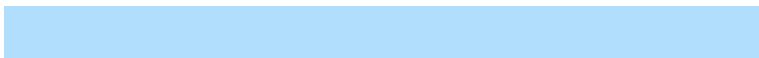
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.9410, 68.8010, 52.8263



57.1417, 68.8010, 65.3674



61.9694, 68.8010, 102.4291



74.4033, 68.8010, 85.3445

Rectangle

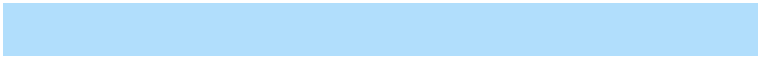
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.9410, 68.8010, 52.8263



61.1229, 68.8010, 53.7644



61.9694, 68.8010, 102.4291



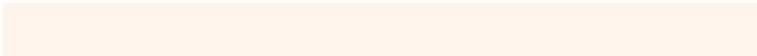
69.8581, 68.8010, 100.9857

Sweetspot

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



68.9428, 68.8041, 52.8277



88.5335, 91.9467, 91.3759



66.3404, 57.0007, 72.3027



18.7004, 19.3689, 18.8973



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.



68.9428, 68.8041, 52.8277



72.1328, 70.9150, 49.6246



77.5726, 86.0636, 55.7043



17.1295, 17.7432, 17.3195



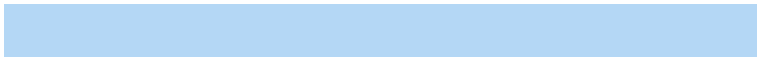
23.6084, 17.1024, 2.0568



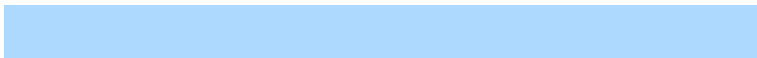
2.1766, 1.7064, 0.2147

Inverse Universe

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



59.6036, 64.8948, 95.7709



60.2707, 65.9469, 104.1602



52.2897, 50.2669, 93.3330



16.3202, 17.4047, 21.0418



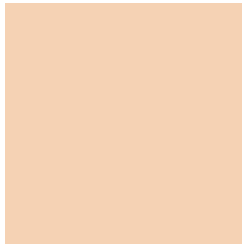
13.4572, 12.7081, 48.2817



1.2855, 1.3225, 4.2777

Previews

White Background



This preview shows how the XYZ color 68.9410, 68.8010, 52.8263 looks on a white background.

Color Contrast Check

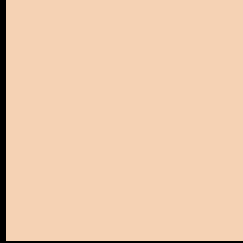
Large Text (above 18pt) WCAG AA × Fail

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 68.9410, 68.8010, 52.8263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

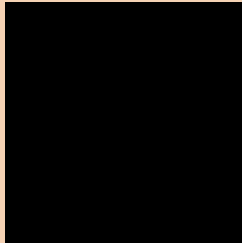
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.9410, 68.8010, 52.8263

Background



This preview shows how black text looks on a background with the XYZ color 68.9410, 68.8010, 52.8263.



This preview shows how white text looks on a background with the XYZ color 68.9410, 68.8010,

52.8263.

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

68.9410, 68.8010, 52.8263

Protanopia

65.0980, 69.0246, 54.6918

Deuteranopia

70.2184, 68.7310, 52.7455



Tritanopia

73.9355, 68.6770, 77.0693

Trichromacy



Original Color

68.9410, 68.8010, 52.8263

Protanomaly

66.4217, 68.9630, 54.0663

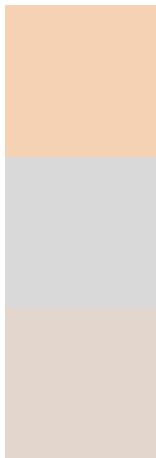
Deuteranomaly

69.7501, 68.8527, 52.7937

Tritanomaly

71.8022, 68.5068, 67.1964

Monochromacy



Original Color

68.9410, 68.8010, 52.8263

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.6242, 68.7837, 66.8918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9410, 68.8010, 52.8263 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(245, 210, 180)` looks like.

```
.text, #text, p{  
    color:rgb(245, 210, 180)  
}
```

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(245, 210, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 210, 180) }
```

Border

The CSS property to change the border of an element to XYZ 68.9410, 68.8010, 52.8263 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(245, 210, 180) }
```


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

```
.border{ border-color:rgb(245, 210, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 210, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 210, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 210, 180);  
box-shadow:4px 4px 4px 4px rgb(245, 210,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9410, 68.8010, 52.8263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 210, 180) }
```

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

```
.background{ background-color: rgb(245,  
210, 180) }
```

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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