

Converting Colors

XYZ(52.3962, 53.3450, 26.3044)

Have a look what the booklet for
XYZ(52.3962, 53.3450, 26.3044)
contains.

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Color

**XYZ(52.2988, 53.2438,
26.2595)**

Conversions

Conversions Part 1

Format	Color
Hex	E0BC7B
RGB	224, 188, 123
RGB Percent	88%, 74%, 48%
CMY	0.1216, 0.2627, 0.5176
CMYK	0.00, 0.16, 0.45, 0.12
HSL	39°, 62%, 68%
HSV	39°, 45%, 88%
XYZ	52.2988, 53.2438, 26.2595
YIQ	191.3540, 42.3210, -12.5830

Conversions

Conversions Part 2

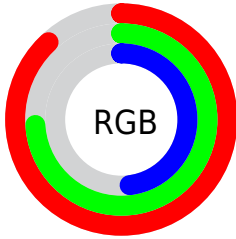
Format	Color
RYB	179, 224, 123
Decimal	14728315
CIELab	78.02, 4.47, 37.61
CIELCh	78, 37.874, 83.226
Yxy	53.2438, 0.3968, 0.4040
Android (android.graphics.Color)	4292918395 (0xFFE0BC7B)
YUV	191.3540, -33.6985, 28.6305
Hunter-Lab	72.9683, 0.2422, 29.7408

Details

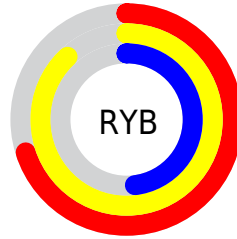
The XYZ color **52.2988, 53.2438, 26.2595** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.0205, 34.3877, 75.3651**, and the grayscale version is **49.9003, 52.4991, 57.1715**.

A 20% lighter version of the original color is **81.4272, 89.0960, 53.9799**, and **25.8029, 26.0245, 9.9666** is the 20% darker color. If you saturate the color by 10%, you get **49.3958, 49.4308, 19.1476**, and if you desaturate by 10%, it is **55.6197, 57.3788, 35.0946**.

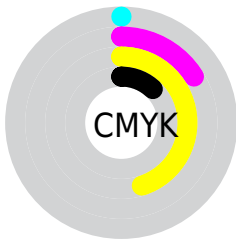
Distribution



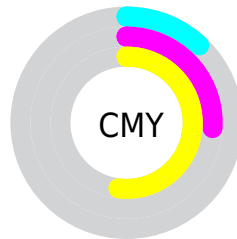
- Red (88%)
- Green (74%)
- Blue (48%)



- Red (70%)
- Yellow (88%)
- Blue (48%)



- Cyan (0%)
- Magenta (16%)
- Yellow (45%)
- Black (12%)



- Cyan (12%)
- Magenta (26%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2988, 53.2438, 26.2595 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 52.2988, 53.2438, 26.2595 by changing the saturation by 10% instead.

■ 52.2988, 53.2438,
26.2595

■ 52.2988, 53.2438,
26.2595

385.8941,
399.2198, 297.6995

■ 37.4685, 37.9974,
16.7904

■ 92.7434, 94.9630,
54.6825

■ 25.7458, 25.9807,
9.9248

■ 119.0884,
122.2047, 74.4735

■ 16.7652, 16.8092,
5.2442

■ 150.0024,
154.2135, 98.5421

■ 10.1615, 10.0985,
2.3300

185.8507,
191.3740, 127.3070

■ 5.5693, 5.4643,
0.7479

226.9986,
234.0704, 161.1866

■ 2.6231, 2.5222,
0.0000

273.8116,

■ 0.9578, 0.8877,

282.6873, 200.5996

0.0000

326.6550,
337.6089, 245.9644

■ 0.0000, 0.0000,
0.0000

■ 52.2988, 53.2438,
26.2595

■ 52.2988, 53.2438,
26.2595

■ 49.3958, 49.4308,
19.1476

■ 55.6197, 57.3788,
35.0946

■ 46.8829, 45.9205,
13.6383

■ 59.3759, 61.8393,
45.7558

■ 44.7350, 42.7022,
9.6006


■ 63.5889, 66.6381,
58.3419


■ 42.9215, 39.7611,
6.8810


■ 68.2769, 71.7848,
72.9434

■ 41.4050, 37.0799,
5.2915

■ 73.4576, 77.2886,
89.6451

 40.7394, 35.8454,
4.7717

 78.7580, 83.0026,
106.4778

 81.1069, 87.7003,
107.2608

 83.5597, 92.6060,
108.0784

 84.5504, 94.5872,
108.4086

Harmonies

Analogous

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



59.5851, 53.2438, 31.1357



52.2988, 53.2438, 26.2595



45.2148, 53.2438, 28.0748

Triad

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



52.2988, 53.2438, 26.2595



38.6554, 53.2438, 75.5204



62.8440, 53.2438, 85.8620

Complementary

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



52.2988, 53.2438, 26.2595



34.0205, 34.3877, 75.3651

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.



56.4109, 53.2438, 103.9078



52.2988, 53.2438, 26.2595



42.5787, 53.2438, 96.9946

Square

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



52.2988, 53.2438, 26.2595



37.7840, 53.2438, 53.3111



48.9514, 53.2438, 108.4121



66.0445, 53.2438, 62.9000

Rectangle

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



52.2988, 53.2438, 26.2595



41.4977, 53.2438, 33.1187



48.9514, 53.2438, 108.4121



60.9595, 53.2438, 92.9102

Sweetspot

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



52.3001, 53.2463, 26.2606



85.9004, 90.0597, 80.0809



44.1717, 32.5529, 37.2287



18.1090, 18.9665, 16.2945



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.



52.3001, 53.2463, 26.2606



66.5221, 66.6585, 26.2825



56.9613, 68.5213, 28.9633



14.4394, 15.1647, 14.4728



23.8257, 21.0892, 2.8149



1.7350, 1.6290, 0.2230

Inverse Universe

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



34.0205, 34.3877, 75.3651



39.1308, 38.4312, 99.9633



30.7673, 24.8217, 73.6902



13.3498, 14.0387, 17.3938



9.5928, 6.6551, 41.8273



0.7474, 0.6264, 2.9267

Previews

White Background



This preview shows how the XYZ color 52.2988, 53.2438, 26.2595 looks on a white background.

Color Contrast Check

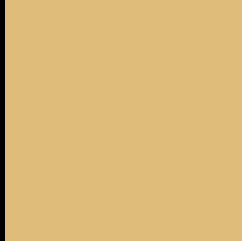
Large Text (above 18pt) WCAG AA × Fail

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 52.2988, 53.2438, 26.2595 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 52.2988, 53.2438, 26.2595

Background



This preview shows how black text looks on a background with the XYZ color 52.2988, 53.2438, 26.2595.



This preview shows how white text looks on a background with the XYZ color 52.2988, 53.2438,

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

52.2988, 53.2438, 26.2595

Protanopia

49.3500, 53.3222, 27.0932

Deuteranopia

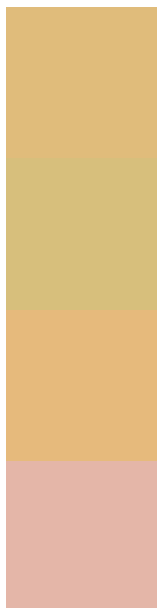
54.5913, 53.4768, 26.5136



Tritanopia

58.7007, 53.0794, 57.6036

Trichromacy



Original Color

52.2988, 53.2438, 26.2595

Protanomaly

50.2932, 53.1639, 26.6797

Deuteranomaly

53.8301, 53.3960, 26.5381

Tritanomaly

55.7907, 52.7770, 44.2923

Monochromacy



Original Color

52.2988, 53.2438, 26.2595

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.9250, 52.2766, 43.5355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2988, 53.2438, 26.2595 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(224, 188, 123)` looks like.

```
.text, #text, p{  
    color:rgb(224, 188, 123)  
}
```

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(224, 188, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 188, 123) }
```

Border

The CSS property to change the border of an element to XYZ 52.2988, 53.2438, 26.2595 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(224, 188, 123) }
```


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

```
.border{ border-color:rgb(224, 188, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 188, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 188, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 188, 123);  
box-shadow:4px 4px 4px 4px rgb(224, 188,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2988, 53.2438, 26.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 188, 123) }
```

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

```
.background{ background-color: rgb(224,  
188, 123) }
```

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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