

Converting Colors

XYZ(52.6504, 53.0838, 29.8600)

Have a look what the booklet for
XYZ(52.6504, 53.0838, 29.8600)
contains.

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Color

**XYZ(52.5048, 52.9499,
30.0073)**

Conversions

Conversions Part 1

Format	Color
Hex	DFBB86
RGB	223, 187, 134
RGB Percent	87%, 73%, 53%
CMY	0.1255, 0.2666, 0.4745
CMYK	0.00, 0.16, 0.40, 0.13
HSL	36°, 58%, 70%
HSV	36°, 40%, 87%
XYZ	52.5048, 52.9499, 30.0073
YIQ	191.7220, 38.4690, -8.8510

Conversions

Conversions Part 2

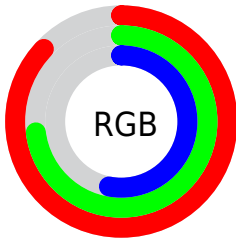
Format	Color
R_{YB}	194, 223, 134
Decimal	14662534
CIE _{Lab}	77.85, 5.75, 31.65
CIE _{LCh}	78, 32.168, 79.700
Yxy	52.9499, 0.3876, 0.3909
Android (android.graphics.Color)	4292852614 (0xFFDFB86)
YUV	191.7220, -28.4569, 27.4308
Hunter-Lab	72.7667, 1.4550, 26.4868

Details

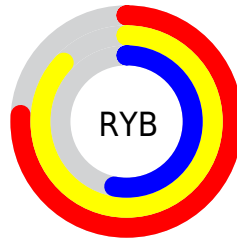
The XYZ color **52.5048, 52.9499, 30.0073** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.5249, 39.1440, 75.3896**, and the grayscale version is **50.0869, 52.6953, 57.3852**.

A 20% lighter version of the original color is **82.3677, 88.9920, 60.4129**, and **25.8512, 25.7973, 12.0044** is the 20% darker color. If you saturate the color by 10%, you get **49.2572, 48.6868, 22.0437**, and if you desaturate by 10%, it is **56.2032, 57.5895, 39.7403**.

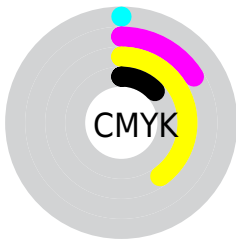
Distribution



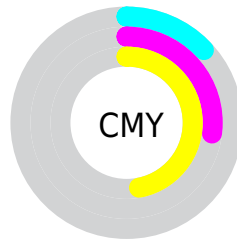
- Red (87%)
- Green (73%)
- Blue (53%)



- Red (76%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (16%)
- Yellow (40%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5048, 52.9499, 30.0073 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 52.5048, 52.9499, 30.0073 by changing the saturation by 10% instead.


 52.5048, 52.9499,
30.0073

 52.5048, 52.9499,
30.0073


386.6744,
398.0929, 316.1468


 37.6335, 37.7628,
19.5920


 93.0451, 94.5306,
60.7349

 25.8743, 25.7986,
11.9177


 119.4448,
121.6931, 81.8842

 16.8618, 16.6731,
6.5658

 150.4181,
153.6160, 107.4487

 10.2307, 10.0017,
3.1178

186.3302,
190.6839, 137.8469

 5.6156, 5.4001,
1.1551

227.5465,
233.2812, 173.4972

 2.6512, 2.4839,
0.0000

274.4324,

 0.9721, 0.8685,

281.7921, 214.8183

0.0000

327.3532,
336.6012, 262.2287

■ 0.0000, 0.0000,
0.0000

■ 52.5048, 52.9499,
30.0073

■ 52.5048, 52.9499,
30.0073

■ 49.2572, 48.6868,
22.0437

■ 56.2032, 57.5895,
39.7403

■ 46.4335, 44.7801,
15.7360

■ 60.3696, 62.6101,
51.3401

■ 44.0095, 41.2185,
10.9626

■ 65.0248, 68.0251,
64.9007

■ 41.9566, 37.9867,
7.5835

■ 70.1873, 73.8454,
80.5090

■ 40.2409, 35.0675,
5.4325

■ 75.8743, 80.0809,
98.2464

■ 38.8053, 32.4341,
4.2209

■ 79.9719, 85.8891,
106.9710

■ 38.7930, 32.4113,
4.2114

■ 82.7098, 91.3649,
107.8837

■ 84.2413, 94.4279,
108.3942

Harmonies

Analogous

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



58.4995, 52.9499, 35.2033



52.5048, 52.9499, 30.0073



46.3874, 52.9499, 30.9610

Triad

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



52.5048, 52.9499, 30.0073



39.8484, 52.9499, 70.0393



60.0512, 52.9499, 82.8769

Complementary

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



52.5048, 52.9499, 30.0073



37.5249, 39.1440, 75.3896

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.



54.4842, 52.9499, 96.4652



52.5048, 52.9499, 30.0073



42.9540, 52.9499, 88.0567

Square

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



52.5048, 52.9499, 30.0073



39.4141, 52.9499, 51.7210



48.2108, 52.9499, 98.5355



63.0891, 52.9499, 64.0230

Rectangle

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



52.5048, 52.9499, 30.0073



43.0407, 52.9499, 35.0370



48.2108, 52.9499, 98.5355



58.3931, 52.9499, 88.3639

Sweetspot

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



52.5061, 52.9524, 30.0084



86.6872, 90.5401, 83.7129



46.3154, 35.6821, 43.0165



18.3728, 19.1693, 17.3838



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.



52.5061, 52.9524, 30.0084



67.3965, 66.8434, 31.3956



58.8867, 69.0320, 32.7758



14.3826, 15.0511, 14.4539



22.9234, 19.2847, 2.5141



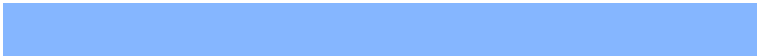
1.6761, 1.5110, 0.2033

Inverse Universe

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



37.5249, 39.1440, 75.3896



44.4088, 45.6720, 101.0827



32.9004, 28.0779, 73.4974



13.4048, 14.1488, 17.4122



10.0950, 7.6595, 41.9947



0.7859, 0.7033, 2.9396

Previews

White Background



This preview shows how the XYZ color 52.5048, 52.9499, 30.0073 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 52.5048, 52.9499, 30.0073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

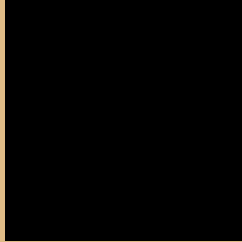
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5048, 52.9499, 30.0073

Background



This preview shows how black text looks on a background with the XYZ color 52.5048, 52.9499, 30.0073.



This preview shows how white text looks on a background with the XYZ color 52.5048, 52.9499,

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

52.5048, 52.9499, 30.0073

Protanopia

49.3060, 52.8867, 30.9020

Deuteranopia

54.1468, 52.8532, 30.2695



Tritanopia

58.0588, 52.7485, 57.5735

Trichromacy



Original Color

52.5048, 52.9499, 30.0073

Protanomaly

50.2272, 52.7223, 30.4508

Deuteranomaly

53.4007, 52.7781, 30.2943

Tritanomaly

55.8529, 52.7653, 46.2707

Monochromacy



Original Color

52.5048, 52.9499, 30.0073

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.3927, 52.4637, 45.9986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5048, 52.9499, 30.0073 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(223, 187, 134)` looks like.

```
.text, #text, p{  
    color:rgb(223, 187, 134)  
}
```

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(223, 187, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 187, 134) }
```

Border

The CSS property to change the border of an element to XYZ 52.5048, 52.9499, 30.0073 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(223, 187, 134) }
```


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

```
.border{ border-color:rgb(223, 187, 134) }
```

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

Here you see how a box with a 4 pixel rgb(223, 187, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 187, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 187, 134);  
box-shadow:4px 4px 4px 4px rgb(223, 187,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5048, 52.9499, 30.0073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 187, 134) }
```

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

```
.background{ background-color: rgb(223,  
187, 134) }
```

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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