

Converting Colors

XYZ(52.4529, 53.5053, 37.1508)

Have a look what the booklet for
XYZ(52.4529, 53.5053, 37.1508)
contains.

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Color

**XYZ(52.4804, 53.4139,
37.2497)**

Conversions

Conversions Part 1

Format	Color
Hex	D9BD98
RGB	217, 189, 152
RGB Percent	85%, 74%, 60%
CMY	0.1490, 0.2588, 0.4039
CMYK	0.00, 0.13, 0.30, 0.15
HSL	34°, 46%, 72%
HSV	34°, 30%, 85%
XYZ	52.4804, 53.4139, 37.2497
YIQ	193.1540, 28.5650, -5.5710

Conversions

Conversions Part 2

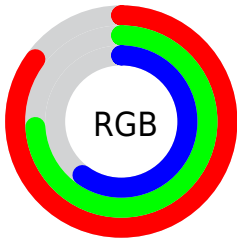
Format	Color
R_{YB}	201, 217, 152
Decimal	14269848
CIE Lab	78.12, 4.51, 22.40
CIE LCh	78, 22.845, 78.614
Yxy	53.4139, 0.3666, 0.3731
Android (android.graphics.Color)	4292459928 (0xFFD9BD98)
YUV	193.1540, -20.2889, 20.9129
Hunter-Lab	73.0848, 0.2780, 20.9406

Details

The XYZ color **52.4804, 53.4139, 37.2497** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.7942, 44.3265, 71.9990**, and the grayscale version is **50.8841, 53.5340, 58.2986**.

A 20% lighter version of the original color is **85.0330, 91.0210, 71.4796**, and **25.8511, 26.1250, 15.9920** is the 20% darker color. If you saturate the color by 10%, you get **48.9175, 48.8767, 28.0813**, and if you desaturate by 10%, it is **56.5009, 58.3453, 48.1760**.

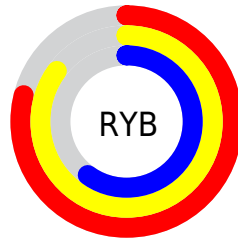
Distribution



Red (85%)

Green (74%)

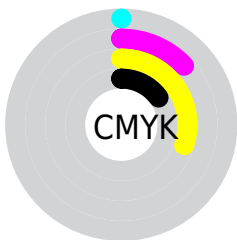
Blue (60%)



Red (79%)

Yellow (85%)

Blue (60%)

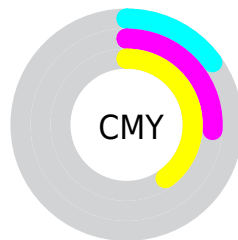


Cyan (0%)

Magenta (13%)

Yellow (30%)

Black (15%)



Cyan (15%)


Magenta (26%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4804, 53.4139, 37.2497 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 52.4804, 53.4139, 37.2497 by changing the saturation by 10% instead.


 52.4804, 53.4139,
37.2497


 52.4804, 53.4139,
37.2497


386.5820,
399.8711, 349.5915

 37.6139, 38.1333,
25.1036


 93.0094, 95.2131,
72.1473

 25.8591, 26.0862,
15.9345


 119.4026,
122.5006, 95.7358

 16.8504, 16.8881,
9.3240


150.3688,
154.5590, 123.9756

 10.2225, 10.1547,
4.8534

186.2734,
191.7730, 157.2851

 5.6101, 5.5017,
2.1043

227.4816,
234.5267, 196.0829

 2.6479, 2.5445,
0.6183

274.3589,

 0.9704, 0.8989,

283.2047, 240.7875

0.0000

327.2706,
338.1914, 291.8176

■ 0.0000, 0.0000,
0.0000

■ 52.4804, 53.4139,
37.2497

■ 52.4804, 53.4139,
37.2497

■ 48.9175, 48.8767,
28.0813

■ 56.5009, 58.3453,
48.1760

■ 45.7878, 44.7143,
20.5733

■ 60.9935, 63.6747,
60.9440

■ 43.0707, 40.9164,
14.6233

■ 65.9772, 69.4153,
75.6362

■ 40.7421, 37.4693,
10.1166

■ 71.4687, 75.5773,
92.3290

■ 38.7746, 34.3576,
6.9221

■ 76.5850, 81.8110,
106.3624

■ 37.1360, 31.5643,
4.8843

■ 79.3428, 87.3266,
107.2817

■ 35.7713, 29.0627,
3.7272

■ 82.2435, 93.1279,
108.2485

■ 35.7653, 29.0516,
3.7225

■ 82.4254, 93.4918,
108.3092

Harmonies

Analogous

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



56.6523, 53.4139, 41.6080



52.4804, 53.4139, 37.2497



48.0797, 53.4139, 37.8483

Triad

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



52.4804, 53.4139, 37.2497



43.0664, 53.4139, 66.3563



57.4787, 53.4139, 75.9561

Complementary

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



52.4804, 53.4139, 37.2497



41.7942, 44.3265, 71.9990

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.



53.5553, 53.4139, 84.6802



52.4804, 53.4139, 37.2497



45.3066, 53.4139, 78.6023

Square

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



52.4804, 53.4139, 37.2497



42.8161, 53.4139, 53.4430



49.0939, 53.4139, 85.7139



59.6488, 53.4139, 63.1439

Rectangle

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



52.4804, 53.4139, 37.2497



45.6018, 53.4139, 40.9999



49.0939, 53.4139, 85.7139



56.3110, 53.4139, 79.5398

Sweetspot

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



52.4818, 53.4164, 37.2508



88.4999, 92.4637, 89.5640



48.0992, 40.5109, 48.5540



18.7279, 19.5402, 18.5479



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.



52.4818, 53.4164, 37.2508



72.2870, 72.7479, 44.9762



57.8247, 65.9894, 39.3960



13.6682, 14.2758, 13.7607



21.7572, 17.8000, 2.2890



1.4945, 1.3231, 0.1766

Inverse Universe

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



41.7942, 44.3265, 71.9990



54.4894, 57.6160, 102.8568



37.5282, 34.5682, 70.3403



12.7976, 13.5349, 16.5901



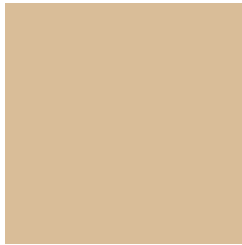
10.0763, 8.0220, 40.7557



0.7373, 0.6887, 2.6685

Previews

White Background



This preview shows how the XYZ color 52.4804, 53.4139, 37.2497 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 52.4804, 53.4139, 37.2497 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 52.4804, 53.4139, 37.2497

Background



This preview shows how black text looks on a background with the XYZ color 52.4804, 53.4139, 37.2497.



This preview shows how white text looks on a background with the XYZ color 52.4804, 53.4139,

37.2497.

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

52.4804, 53.4139, 37.2497

Protanopia

50.0795, 53.4522, 38.2497

Deuteranopia

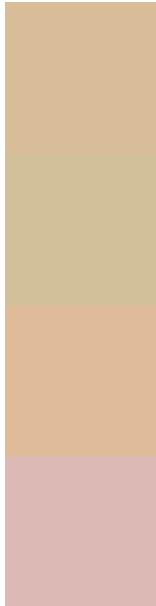
54.6727, 53.5865, 37.5987



Tritanopia

57.1357, 53.4278, 60.1245

Trichromacy



Original Color

52.4804, 53.4139, 37.2497

Protanomaly

50.8939, 53.5545, 37.7916

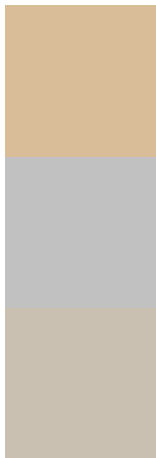
Deuteranomaly

53.9515, 53.5285, 37.6255

Tritanomaly

55.2047, 53.2498, 51.0847

Monochromacy



Original Color

52.4804, 53.4139, 37.2497

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.2426, 53.4702, 49.7395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4804, 53.4139, 37.2497 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(217, 189, 152) looks like.

```
.text, #text, p{  
    color:rgb(217, 189, 152)  
}
```

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(217, 189, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 189, 152) }
```

Border

The CSS property to change the border of an element to XYZ 52.4804, 53.4139, 37.2497 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(217, 189, 152) }
```


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

```
.border{ border-color:rgb(217, 189, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 189, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 189, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 189, 152);  
box-shadow:4px 4px 4px 4px rgb(217, 189,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4804, 53.4139, 37.2497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 189, 152) }
```

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

```
.background{ background-color: rgb(217,  
189, 152) }
```

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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