

Converting Colors

XYZ(53.8572, 53.7959, 37.6821)

Have a look what the booklet for
XYZ(53.8572, 53.7959, 37.6821)
contains.

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Color

**XYZ(53.8572, 53.7959,
37.6821)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBC99
RGB	222, 188, 153
RGB Percent	87%, 74%, 60%
CMY	0.1294, 0.2627, 0.4000
CMYK	0.00, 0.15, 0.31, 0.13
HSL	30°, 51%, 74%
HSV	30°, 31%, 87%
XYZ	53.8572, 53.7959, 37.6821
YIQ	194.1760, 31.4990, -3.6770

Conversions

Conversions Part 2

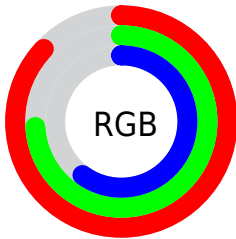
Format	Color
R_{YB}	220, 222, 153
Decimal	14597273
CIE _{Lab}	78.34, 7.10, 22.24
CIE _{LCh}	78, 23.348, 72.293
Yxy	53.7959, 0.3706, 0.3702
Android (android.graphics.Color)	4292787353 (0xFFDEBC99)
YUV	194.1760, -20.2998, 24.4016
Hunter-Lab	73.3457, 2.7163, 20.8811

Details

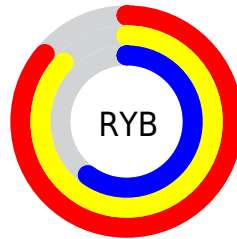
The XYZ color **53.8572, 53.7959, 37.6821** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.0916, 47.5856, 75.9685**, and the grayscale version is **51.4869, 54.1682, 58.9892**.

A 20% lighter version of the original color is **84.8532, 90.4664, 72.0210**, and **26.7881, 26.3942, 16.2531** is the 20% darker color. If you saturate the color by 10%, you get **49.9431, 48.6340, 28.1573**, and if you desaturate by 10%, it is **58.2923, 59.4534, 49.0647**.

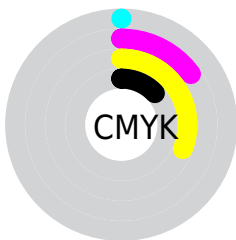
Distribution



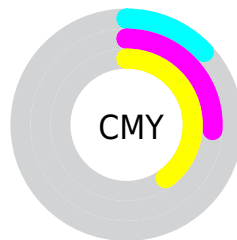
- Red (87%)
- Green (74%)
- Blue (60%)



- Red (86%)
- Yellow (87%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (31%)
- Black (13%)





- Cyan (13%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8572, 53.7959, 37.6821 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 53.8572, 53.7959, 37.6821 by changing the saturation by 10% instead.


 53.8572, 53.7959,
37.6821


 53.8572, 53.7959,
37.6821

391.7725,
401.3312, 351.5115

 38.7177, 38.4385,
25.4361


 95.0227, 95.7745,
72.8186

 26.7199, 26.3232,
16.1803


 121.7794,
123.1645, 96.5463

 17.4985, 17.0656,
9.4961


153.1392,
155.3342, 124.9382

 10.6880, 10.2813,
4.9650

189.4675,
192.6679, 158.4130

 5.9232, 5.5858,
2.1683

231.1296,
235.5501, 197.3892

 2.8387, 2.5949,
0.6560

278.4909,

 1.0690, 0.9241,

284.3651, 242.2853

0.0000

331.9167,
339.4973, 293.5199

0.0000, 0.0000,
0.0000

53.8572, 53.7959,
37.6821

53.8572, 53.7959,
37.6821

49.9431, 48.6340,
28.1573

58.2923, 59.4534,
49.0647

46.5231, 43.9450,
20.3860

63.2656, 65.6137,
62.3953

43.5736, 39.7148,
14.2583

68.7984, 72.2930,
77.7619

41.0673, 35.9259,
9.6505

74.9096, 79.5047,
95.2462

38.9732, 32.5588,
6.4210

80.1334, 86.6678,
107.1128

■ 37.2550, 29.5918,
4.4008

■ 83.4993, 93.3997,
108.2348

■ 35.9875, 27.2560,
3.3642

■ 83.9343, 94.2696,
108.3798

Harmonies

Analogous

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



57.9269, 53.7959, 43.1880



53.8572, 53.7959, 37.6821



49.2791, 53.7959, 37.2244

Triad

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



53.8572, 53.7959, 37.6821



42.9998, 53.7959, 64.1106



57.2899, 53.7959, 79.2839

Complementary

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



53.8572, 53.7959, 37.6821



44.0916, 47.5856, 75.9685

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.



53.0295, 53.7959, 86.8377



53.8572, 53.7959, 37.6821



44.8893, 53.7959, 77.2401

Square

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



53.8572, 53.7959, 37.6821



43.1919, 53.7959, 51.2329



48.4991, 53.7959, 86.0383



59.9887, 53.7959, 66.5862

Rectangle

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



53.8572, 53.7959, 37.6821



46.5690, 53.7959, 39.7351



48.4991, 53.7959, 86.0383



55.9824, 53.7959, 82.5885

Sweetspot

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



53.8586, 53.7984, 37.6832



88.0709, 91.6057, 89.4210



50.5392, 41.9220, 52.7235



18.6222, 19.3288, 18.5127



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.



53.8586, 53.7984, 37.6832



70.3238, 69.1841, 43.2040



61.9956, 70.0723, 40.3955



14.2791, 14.8442, 14.4194



21.4874, 16.4126, 2.0354



1.5790, 1.3168, 0.1709

Inverse Universe

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



44.0916, 47.5856, 75.9685



55.0231, 59.4519, 103.1831



37.7136, 34.8294, 73.8425



13.5069, 14.3529, 17.4462



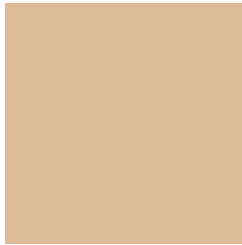
11.2146, 9.8987, 42.3679



0.8668, 0.8651, 2.9665

Previews

White Background



This preview shows how the XYZ color 53.8572, 53.7959, 37.6821 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 53.8572, 53.7959, 37.6821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

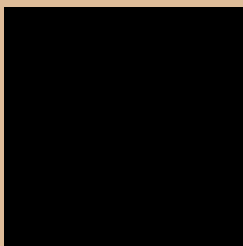
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8572, 53.7959, 37.6821

Background



This preview shows how black text looks on a background with the XYZ color 53.8572, 53.7959, 37.6821.



This preview shows how white text looks on a background with the XYZ color 53.8572, 53.7959,

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

53.8572, 53.7959, 37.6821

Protanopia

50.7461, 54.1057, 39.2213

Deuteranopia

54.6727, 53.5865, 37.5987



Tritanopia

58.3703, 53.7723, 59.5272

Trichromacy



Original Color

53.8572, 53.7959, 37.6821

Protanomaly

51.9174, 54.0629, 38.7092

Deuteranomaly

54.5714, 53.8481, 37.6545

Tritanomaly

56.4300, 53.5838, 50.5485

Monochromacy



Original Color

53.8572, 53.7959, 37.6821

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.8882, 53.7913, 50.2958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8572, 53.7959, 37.6821 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(222, 188, 153)` looks like.

```
.text, #text, p{  
    color:rgb(222, 188, 153)  
}
```

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(222, 188, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 188, 153) }
```

Border

The CSS property to change the border of an element to XYZ 53.8572, 53.7959, 37.6821 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(222, 188, 153) }
```


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

```
.border{ border-color:rgb(222, 188, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 188, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 188, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 188, 153);  
box-shadow:4px 4px 4px 4px rgb(222, 188,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8572, 53.7959, 37.6821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 188, 153) }
```

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

```
.background{ background-color: rgb(222,  
188, 153) }
```

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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