

Converting Colors

XYZ(54.1193, 53.5714, 37.8880)

Have a look what the booklet for
XYZ(54.1193, 53.5714, 37.8880)
contains.

XYZ(54.0345, 53.5617, 38.0624)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.0345, 53.5617,
38.0624)**

Conversions

Conversions Part 1

Format	Color
Hex	DFBB9A
RGB	223, 187, 154
RGB Percent	87%, 73%, 60%
CMY	0.1255, 0.2666, 0.3961
CMYK	0.00, 0.16, 0.31, 0.13
HSL	29°, 52%, 74%
HSV	29°, 31%, 87%
XYZ	54.0345, 53.5617, 38.0624
YIQ	194.0020, 32.0490, -2.6310

Conversions

Conversions Part 2

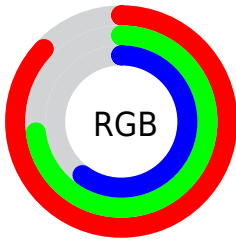
Format	Color
RYB	223, 217, 154
Decimal	14662554
CIELab	78.21, 8.15, 21.53
CIELCh	78, 23.024, 69.280
Yxy	53.5617, 0.3710, 0.3677
Android (android.graphics.Color)	4292852634 (0xFFDFB9A)
YUV	194.0020, -19.7210, 25.4312
Hunter-Lab	73.1859, 3.7147, 20.3946

Details

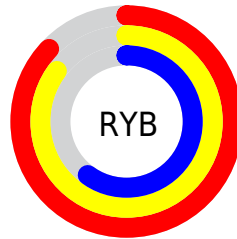
The XYZ color **54.0345, 53.5617, 38.0624** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.0587, 49.0233, 76.8998**, and the grayscale version is **51.3803, 54.0560, 58.8670**.

A 20% lighter version of the original color is **84.7992, 89.9646, 73.2171**, and **26.9096, 26.2450, 16.4795** is the 20% darker color. If you saturate the color by 10%, you get **49.9785, 48.1509, 28.3828**, and if you desaturate by 10%, it is **58.6383, 59.5154, 49.6280**.

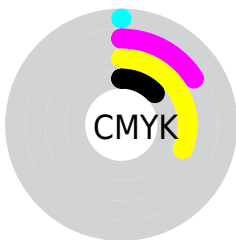
Distribution



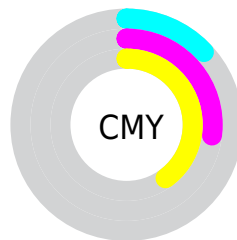
- Red (87%)
- Green (73%)
- Blue (60%)



- Red (87%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0345, 53.5617, 38.0624 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 54.0345, 53.5617, 38.0624 by changing the saturation by 10% instead.


 54.0345, 53.5617,
38.0624

 54.0345, 53.5617,
38.0624


392.4378,
400.4364, 353.1938

 38.8600, 38.2514,
25.7289


 95.2815, 95.4304,
73.4083

 26.8311, 26.1778,
16.3970


 122.0847,
122.7575, 97.2577

 17.5823, 16.9567,
9.6481


153.4949,
154.8591, 125.7829

 10.7484, 10.2036,
5.0637

189.8774,
192.1194, 159.4024

 5.9640, 5.5342,
2.2253

231.5976,
234.9229, 198.5346

 2.8636, 2.5640,
0.6889

279.0208,

 1.0821, 0.9086,

283.6540, 243.5983

0.0000

332.5124,
338.6970, 295.0118

■ 0.0100, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0345, 53.5617,
38.0624

■ 54.0345, 53.5617,
38.0624

■ 49.9785, 48.1509,
28.3828

■ 58.6383, 59.5154,
49.6280

■ 46.4423, 43.2584,
20.4835

■ 63.8080, 66.0208,
63.1709

■ 43.4013, 38.8686,
14.2535

■ 69.5658, 73.0956,
78.7804

■ 40.8271, 34.9619,
9.5674

■ 75.9314, 80.7547,
96.5391

■ 38.6875, 31.5169,
6.2822

■ 81.1860, 88.3171,
107.3757

■ 36.9449, 28.5098,
4.2270

■ 84.2415, 94.4280,
108.3942

■ 35.6546, 26.1341,
3.1652

Harmonies

Analogous

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



57.9105, 53.5617, 43.9849



54.0345, 53.5617, 38.0624



49.5251, 53.5617, 37.1078

Triad

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



54.0345, 53.5617, 38.0624



42.8317, 53.5617, 62.4111



56.5905, 53.5617, 79.7005

Complementary

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



54.0345, 53.5617, 38.0624



45.0587, 49.0233, 76.8998

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.



52.3181, 53.5617, 86.3798



54.0345, 53.5617, 38.0624



44.4955, 53.5617, 75.4726

Square

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



54.0345, 53.5617, 38.0624



43.2311, 53.5617, 49.9777



47.9060, 53.5617, 84.7278



59.4456, 53.5617, 67.5416

Rectangle

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



54.0345, 53.5617, 38.0624



46.7899, 53.5617, 39.2517



47.9060, 53.5617, 84.7278



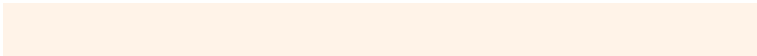
55.2626, 53.5617, 82.7368

Sweetspot

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



54.0359, 53.5642, 38.0635



87.8714, 91.2067, 89.3545



51.3695, 42.5526, 54.6814



18.5731, 19.2306, 18.4963



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.



54.0359, 53.5642, 38.0635



69.6606, 67.8577, 42.9830



62.0418, 69.5760, 40.7321



14.2454, 14.7768, 14.4082



21.0761, 15.5900, 1.8983



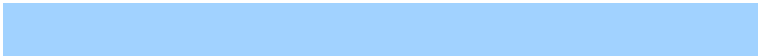
1.5501, 1.2591, 0.1613

Inverse Universe

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



45.0587, 49.0233, 76.8998



55.6920, 60.7897, 103.4060



38.5852, 36.0762, 74.7420



13.5407, 14.4205, 17.4574



11.6404, 10.7503, 42.5099



0.8964, 0.9242, 2.9764

Previews

White Background



This preview shows how the XYZ color 54.0345, 53.5617, 38.0624 looks on a white background.

Color Contrast Check

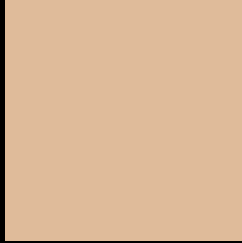
Large Text (above 18pt) WCAG AA × Fail

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 54.0345, 53.5617, 38.0624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

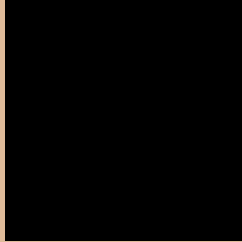
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0345, 53.5617, 38.0624

Background



This preview shows how black text looks on a background with the XYZ color 54.0345, 53.5617, 38.0624.



This preview shows how white text looks on a background with the XYZ color 54.0345, 53.5617,

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

54.0345, 53.5617, 38.0624

Protanopia

50.3326, 53.5534, 39.5823

Deuteranopia

54.7557, 53.6197, 38.0355



Tritanopia

58.3691, 53.4819, 58.8764

Trichromacy



Original Color

54.0345, 53.5617, 38.0624

Protanomaly

51.7829, 53.6590, 39.0804

Deuteranomaly

54.4430, 53.4585, 38.0209

Tritanomaly

56.5357, 53.3310, 50.4942

Monochromacy



Original Color

54.0345, 53.5617, 38.0624

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.9443, 53.4954, 50.2357

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0345, 53.5617, 38.0624 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(223, 187, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 187, 154) }
```

Border

The CSS property to change the border of an element to XYZ 54.0345, 53.5617, 38.0624 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, 154) }
```


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

```
.border{ border-color:rgb(223, 187, 154) }
```

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, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 187, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 187, 154);  
box-shadow:4px 4px 4px 4px rgb(223, 187,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0345, 53.5617, 38.0624 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, 154) }
```

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

```
.background{ background-color: rgb(223,  
187, 154) }
```

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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