

Converting Colors

XYZ(53.3137, 54.6888, 35.0123)

Have a look what the booklet for
XYZ(53.3137, 54.6888, 35.0123)
contains.

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Color

**XYZ(53.3343, 54.5526,
34.9128)**

Conversions

Conversions Part 1

Format	Color
Hex	DCBF92
RGB	220, 191, 146
RGB Percent	86%, 75%, 57%
CMY	0.1373, 0.2510, 0.4274
CMYK	0.00, 0.13, 0.34, 0.14
HSL	36°, 51%, 72%
HSV	36°, 34%, 86%
XYZ	53.3343, 54.5526, 34.9128
YIQ	194.5410, 31.7290, -7.8470

Conversions

Conversions Part 2

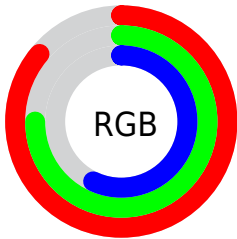
Format	Color
RYB	194, 220, 146
Decimal	14466962
CIELab	78.78, 3.86, 26.53
CIELCh	79, 26.808, 81.721
Yxy	54.5526, 0.3735, 0.3820
Android (android.graphics.Color)	4292657042 (0xFFDCBF92)
YUV	194.5410, -23.9307, 22.3275
Hunter-Lab	73.8597, -0.3592, 23.6760

Details

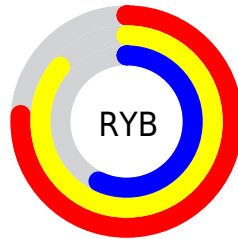
The XYZ color **53.3343, 54.5526, 34.9128** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.1018, 41.9368, 73.6912**, and the grayscale version is **51.7245, 54.4182, 59.2614**.

A 20% lighter version of the original color is **84.9261, 91.9517, 67.9159**, and **26.4639, 26.8957, 14.6231** is the 20% darker color. If you saturate the color by 10%, you get **49.9604, 50.2850, 26.1421**, and if you desaturate by 10%, it is **57.1510, 59.1783, 45.4570**.

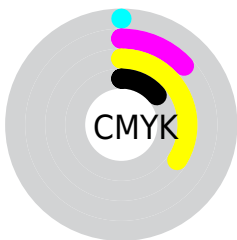
Distribution



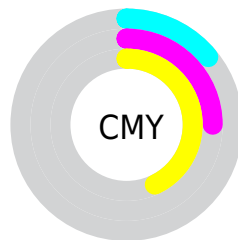
- Red (86%)
- Green (75%)
- Blue (57%)



- Red (76%)
- Yellow (86%)
- Blue (57%)



- Cyan (0%)
- Magenta (13%)
- Yellow (34%)
- Black (14%)



- Cyan (14%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3343, 54.5526, 34.9128 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 53.3343, 54.5526, 34.9128 by changing the saturation by 10% instead.

■ 53.3343, 54.5526,
34.9128

■ 53.3343, 54.5526,
34.9128

389.8063,
404.2138, 339.0758

■ 38.2983, 39.0436,
23.3127

■ 94.2587, 96.8851,
68.5007

■ 26.3925, 26.7937,
14.6171

■ 120.8778,
124.4775, 91.3256

■ 17.2517, 17.4183,
8.4075

152.0887,
156.8664, 118.7291

■ 10.5106, 10.5332,
4.2653

188.2566,
194.4364, 151.1299

■ 5.8036, 5.7539,
1.7720

229.7470,
237.5717, 188.9464

■ 2.7656, 2.6960,
0.4094

276.9251,

■ 1.0310, 0.9752,

286.6567, 232.5972

0.0000

330.1565,
342.0760, 282.5008

■ 0.0000, 0.0000,
0.0000

■ 53.3343, 54.5526,
34.9128

■ 53.3343, 54.5526,
34.9128

■ 49.9604, 50.2850,
26.1421

■ 57.1510, 59.1783,
45.4570

■ 47.0043, 46.3566,
19.0411

■ 61.4255, 64.1652,
57.8638

■ 44.4446, 42.7576,
13.5003

■ 66.1774, 69.5259,
72.2204

■ 42.2558, 39.4747,
9.3955

■ 71.4236, 75.2699,
88.6073

■ 40.4087, 36.4931,
6.5833

■ 77.0183, 81.3418,
106.2490

■ 38.8684, 33.7952,
4.8901

■ 79.5340, 86.3732,
107.0876

■ 38.0125, 32.2103,
4.2137

■ 82.1707, 91.6467,
107.9665

■ 83.3252, 93.9556,
108.3513

Harmonies

Analogous

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



58.4343, 54.5526, 39.2794



53.3343, 54.5526, 34.9128



48.1641, 54.5526, 36.1702

Triad

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



53.3343, 54.5526, 34.9128



42.9346, 54.5526, 70.8871



60.2830, 54.5526, 79.4103

Complementary

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



53.3343, 54.5526, 34.9128



40.1018, 41.9368, 73.6912

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.



55.7206, 54.5526, 90.9040



53.3343, 54.5526, 34.9128



45.7810, 54.5526, 85.4278

Square

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



53.3343, 54.5526, 34.9128



42.3916, 54.5526, 55.2879



50.3947, 54.5526, 93.2762



62.6214, 54.5526, 63.7080

Rectangle

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



53.3343, 54.5526, 34.9128



45.3501, 54.5526, 40.1422



50.3947, 54.5526, 93.2762



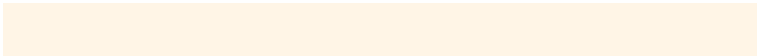
58.9444, 54.5526, 83.9979

Sweetspot

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



53.3357, 54.5551, 34.9139



88.1078, 92.2551, 87.6585



47.5914, 38.8928, 45.8663



18.6618, 19.5227, 18.1724



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.



53.3357, 54.5551, 34.9139



71.2989, 72.1781, 40.3109



58.1064, 67.3482, 37.1318



13.7117, 14.3628, 13.7752



22.4205, 19.1266, 2.5101



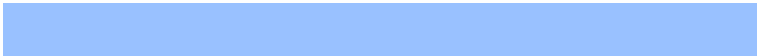
1.5355, 1.4050, 0.1903

Inverse Universe

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



40.1018, 41.9368, 73.6912



50.2493, 52.1172, 102.0189



36.4102, 32.5370, 72.0714



12.7551, 13.4499, 16.5760



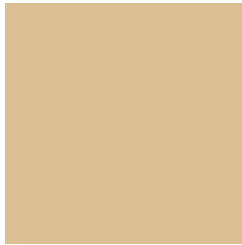
9.6452, 7.1599, 40.6120



0.7072, 0.6286, 2.6585

Previews

White Background



This preview shows how the XYZ color 53.3343, 54.5526, 34.9128 looks on a white background.

Color Contrast Check

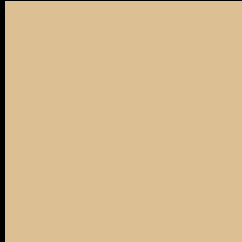
Large Text (above 18pt) WCAG AA × Fail

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 53.3343, 54.5526, 34.9128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

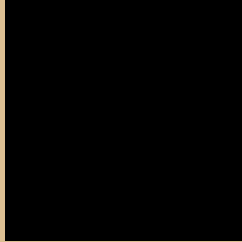
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3343, 54.5526, 34.9128

Background



This preview shows how black text looks on a background with the XYZ color 53.3343, 54.5526, 34.9128.



This preview shows how white text looks on a background with the XYZ color 53.3343, 54.5526,

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

53.3343, 54.5526, 34.9128

Protanopia

51.1549, 54.7236, 35.8835

Deuteranopia

55.6699, 54.4702, 35.1834



Tritanopia

58.6976, 54.5269, 60.8571

Trichromacy



Original Color

53.3343, 54.5526, 34.9128

Protanomaly

51.9988, 54.8363, 35.4476

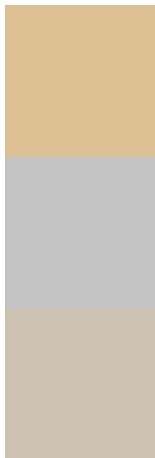
Deuteranomaly

54.6137, 54.2418, 35.1950

Tritanomaly

56.6475, 54.6426, 50.2093

Monochromacy



Original Color

53.3343, 54.5526, 34.9128

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.1294, 54.5953, 49.3854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3343, 54.5526, 34.9128 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(220, 191, 146)` looks like.

```
.text, #text, p{  
    color:rgb(220, 191, 146)  
}
```

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(220, 191, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 191, 146) }
```

Border

The CSS property to change the border of an element to XYZ 53.3343, 54.5526, 34.9128 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(220, 191, 146) }
```


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

```
.border{ border-color:rgb(220, 191, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 191, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 191, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 191, 146); box-shadow:4px 4px 4px 4px rgb(220, 191, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3343, 54.5526, 34.9128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 191, 146) }
```

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

```
.background{ background-color: rgb(220,  
191, 146) }
```

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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