

Converting Colors

XYZ(54.8668, 55.1386, 38.0118)

Have a look what the booklet for
XYZ(54.8668, 55.1386, 38.0118)
contains.

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Color

**XYZ(54.8120, 55.2495,
37.9123)**

Conversions

Conversions Part 1

Format	Color
Hex	DFBF99
RGB	223, 191, 153
RGB Percent	87%, 75%, 60%
CMY	0.1255, 0.2510, 0.4000
CMYK	0.00, 0.14, 0.31, 0.13
HSL	33°, 52%, 74%
HSV	33°, 31%, 87%
XYZ	54.8120, 55.2495, 37.9123
YIQ	196.2360, 31.2700, -5.0340

Conversions

Conversions Part 2

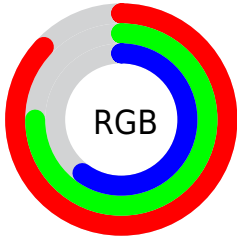
Format	Color
R_{YB}	212, 223, 153
Decimal	14663577
CIE _{Lab}	79.18, 5.90, 23.41
CIE _{LCh}	79, 24.141, 75.849
Yxy	55.2495, 0.3704, 0.3734
Android (android.graphics.Color)	4292853657 (0xFFDFBF99)
YUV	196.2360, -21.3153, 23.4720
Hunter-Lab	74.3300, 1.5509, 21.7899

Details

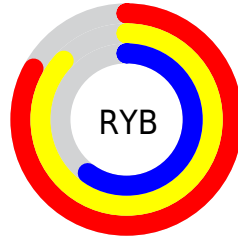
The XYZ color **54.8120, 55.2495, 37.9123** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.8046, 46.7965, 76.5360**, and the grayscale version is **52.7230, 55.4687, 60.4054**.

A 20% lighter version of the original color is **85.8859, 92.3356, 72.9704**, and **27.4231, 27.3518, 16.4044** is the 20% darker color. If you saturate the color by 10%, you get **50.9939, 50.2903, 28.3862**, and if you desaturate by 10%, it is **59.1319, 60.6609, 49.3051**.

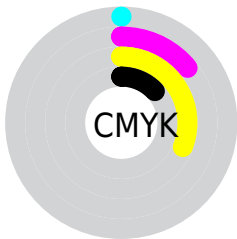
Distribution



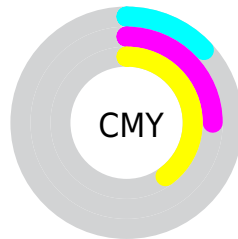
- Red (87%)
- Green (75%)
- Blue (60%)



- Red (83%)
- Yellow (87%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (31%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8120, 55.2495, 37.9123 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 54.8120, 55.2495, 37.9123 by changing the saturation by 10% instead.


 54.8120, 55.2495,
37.9123


 54.8120, 55.2495,
37.9123


395.3469,
406.8570, 352.5305

 39.4845, 39.6015,
25.6133


 96.4154, 97.9064,
73.1756

 27.3192, 27.2280,
16.3114

 123.4219,
125.6841, 96.9771

 17.9510, 17.7445,
9.5881


155.0522,
158.2739, 125.4497

 11.0143, 10.7667,
5.0247

191.6716,
196.0601, 159.0122

 6.1438, 5.9102,
2.2028

233.6454,
239.4271, 198.0829

 2.9742, 2.7906,
0.6760

281.3390,

 1.1401, 1.0234,

288.7593, 243.0806

0.0000

335.1177,
344.4412, 294.4236

■ 0.0583, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8120, 55.2495,
37.9123

■ 54.8120, 55.2495,
37.9123

■ 50.9939, 50.2903,
28.3862

■ 59.1319, 60.6609,
49.3051

■ 47.6509, 45.7618,
20.6211


■ 63.9702, 66.5300,
62.6555

■ 44.7603, 41.6516,
14.5060


■ 69.3476, 72.8719,
78.0526


■ 42.2951, 37.9436,
9.9156


■ 75.2826, 79.6985,
95.5789


 40.2247, 34.6200,
6.7063

 80.2245, 86.3941,
107.0552

 38.5133, 31.6609,
4.7064

 83.3428, 92.6307,
108.0946

 37.2777, 29.3804,
3.7062

 84.2415, 94.4280,
108.3942

Harmonies

Analogous

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



59.2381, 55.2495, 43.0488



54.8120, 55.2495, 37.9123



50.0219, 55.2495, 38.0622

Triad

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



54.8120, 55.2495, 37.9123



44.0909, 55.2495, 67.7028



59.4489, 55.2495, 80.6088

Complementary

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



54.8120, 55.2495, 37.9123



43.8046, 46.7965, 76.5360

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.



55.0855, 55.2495, 89.4804



54.8120, 55.2495, 37.9123



46.3172, 55.2495, 81.2868

Square

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



54.8120, 55.2495, 37.9123



44.0276, 55.2495, 53.8976



50.2792, 55.2495, 89.7460



62.0240, 55.2495, 66.8839

Rectangle

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



54.8120, 55.2495, 37.9123



47.2691, 55.2495, 41.1024



50.2792, 55.2495, 89.7460



58.1311, 55.2495, 84.3438

Sweetspot

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



54.8134, 55.2520, 37.9134



88.3170, 92.0979, 89.5030



50.6506, 42.0021, 51.7070



18.6828, 19.4500, 18.5329



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.



54.8134, 55.2520, 37.9134



70.6423, 70.1764, 42.2150



61.8551, 70.3953, 40.4652



14.3207, 14.9274, 14.4333



22.0331, 17.5041, 2.2174



1.6164, 1.3917, 0.1834

Inverse Universe

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



43.8046, 46.7965, 76.5360



53.3825, 56.9238, 102.7816



38.2928, 35.1125, 74.5713



13.4656, 14.2703, 17.4324



10.7312, 8.9319, 42.2068



0.8325, 0.7965, 2.9551

Previews

White Background



This preview shows how the XYZ color 54.8120, 55.2495, 37.9123 looks on a white background.

Color Contrast Check

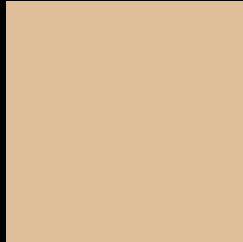
Large Text (above 18pt) WCAG AA × Fail

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 54.8120, 55.2495, 37.9123 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 54.8120, 55.2495, 37.9123

Background



This preview shows how black text looks on a background with the XYZ color 54.8120, 55.2495, 37.9123.



This preview shows how white text looks on a background with the XYZ color 54.8120, 55.2495,

37.9123.

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

54.8120, 55.2495, 37.9123

Protanopia

51.9508, 55.4017, 38.9658

Deuteranopia

56.4491, 55.1225, 38.2364



Tritanopia

59.6527, 55.3154, 61.5657

Trichromacy



Original Color

54.8120, 55.2495, 37.9123

Protanomaly

52.8561, 55.2128, 38.4432

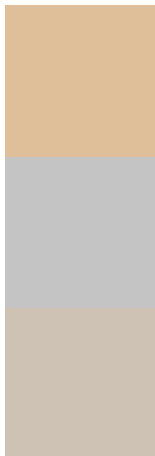
Deuteranomaly

55.7089, 55.0592, 38.2632

Tritanomaly

57.5779, 55.0868, 51.8541

Monochromacy



Original Color

54.8120, 55.2495, 37.9123

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.9836, 55.0007, 51.0037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8120, 55.2495, 37.9123 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, 191, 153)` looks like.

```
.text, #text, p{  
    color:rgb(223, 191, 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(223, 191, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 191, 153) }
```

Border

The CSS property to change the border of an element to XYZ 54.8120, 55.2495, 37.9123 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, 191, 153) }
```


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

```
.border{ border-color:rgb(223, 191, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 191, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 191, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 191, 153);  
box-shadow:4px 4px 4px 4px rgb(223, 191,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8120, 55.2495, 37.9123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 191, 153) }
```

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

```
.background{ background-color: rgb(223,  
191, 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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