

Converting Colors

XYZ(53.8661, 55.2047, 34.2240)

Have a look what the booklet for
XYZ(53.8661, 55.2047, 34.2240)
contains.

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Color

**XYZ(53.7025, 55.0850,
34.1876)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC090
RGB	221, 192, 144
RGB Percent	87%, 75%, 56%
CMY	0.1333, 0.2470, 0.4353
CMYK	0.00, 0.13, 0.35, 0.13
HSL	37°, 53%, 72%
HSV	37°, 35%, 87%
XYZ	53.7025, 55.0850, 34.1876
YIQ	195.1990, 32.6920, -8.7800

Conversions

Conversions Part 2

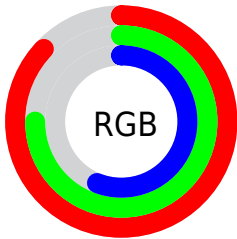
Format	Color
R _Y B	191, 221, 144
Decimal	14532752
CIE Lab	79.09, 3.48, 28.01
CIE LCh	79, 28.229, 82.914
Yxy	55.0850, 0.3756, 0.3853
Android (android.graphics.Color)	4292722832 (0xFFDDC090)
YUV	195.1990, -25.2411, 22.6275
Hunter-Lab	74.2193, -0.7273, 24.6428

Details

The XYZ color **53.7025, 55.0850, 34.1876** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.4960, 41.0358, 74.2458**, and the grayscale version is **52.1237, 54.8382, 59.7188**.

A 20% lighter version of the original color is **85.0004, 92.4720, 66.7950**, and **26.7255, 27.2549, 14.2081** is the 20% darker color. If you saturate the color by 10%, you get **50.4004, 50.9245, 25.5535**, and if you desaturate by 10%, it is **57.4414, 59.5895, 44.5998**.

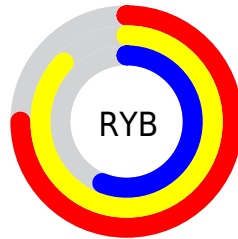
Distribution



Red (87%)

Green (75%)

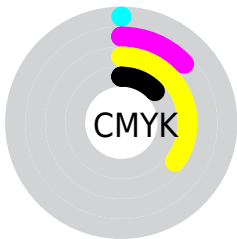
Blue (56%)



Red (75%)

Yellow (87%)

Blue (56%)

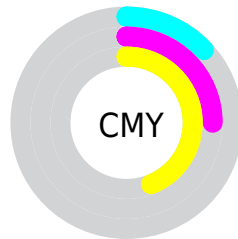


Cyan (0%)

Magenta (13%)

Yellow (35%)

Black (13%)



Cyan (13%)

Magenta (25%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7025, 55.0850, 34.1876 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 53.7025, 55.0850, 34.1876 by changing the saturation by 10% instead.

■ 53.7025, 55.0850,
34.1876

■ 53.7025, 55.0850,
34.1876

391.1914,
406.2341, 335.7624

■ 38.5936, 39.4698,
22.7592

■ 94.7967, 97.6655,
67.3625

■ 26.6230, 27.1254,
14.2122

■ 121.5128,
125.3995, 89.9462

■ 17.4254, 17.6674,
8.1280

152.8286,
157.9420, 117.0853

■ 10.6354, 10.7115,
4.0880

189.1095,
195.6772, 149.1985

■ 5.8877, 5.8732,
1.6737

230.7209,
238.9897, 186.7042

■ 2.8169, 2.7681,
0.3426

278.0281,

■ 1.0577, 1.0119,

288.2637, 230.0211

0.0000

331.3965,
343.8837, 279.5677

■ 0.0000, 0.0000,
0.0000

■ 53.7025, 55.0850,
34.1876

■ 53.7025, 55.0850,
34.1876

■ 50.4004, 50.9245,
25.5535

■ 57.4414, 59.5895,
44.5998

■ 47.5099, 47.0893,
18.5914

■ 61.6323, 64.4409,
56.8811

■ 45.0093, 43.5698,
13.1894

■ 66.2949, 69.6515,
71.1201

■ 42.8725, 40.3530,
9.2198

■ 71.4462, 75.2306,
87.3989

■ 41.0700, 37.4239,
6.5349

■ 77.1023, 81.1872,
105.7949

■ 39.5655, 34.7651,
4.9539

■ 79.6025, 86.0595,
107.0234

■ 38.8758, 33.4860,
4.4145

■ 82.1353, 91.1250,
107.8676

■ 83.6289, 94.1122,
108.3655

Harmonies

Analogous

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



59.1546, 55.0850, 38.5028



53.7025, 55.0850, 34.1876



48.2567, 55.0850, 35.7281

Triad

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



53.7025, 55.0850, 34.1876



43.0112, 55.0850, 72.8674



61.4691, 55.0850, 80.6672

Complementary

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



53.7025, 55.0850, 34.1876



39.4960, 41.0358, 74.2458

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.



56.6825, 55.0850, 93.2797



53.7025, 55.0850, 34.1876



46.1005, 55.0850, 88.2429

Square

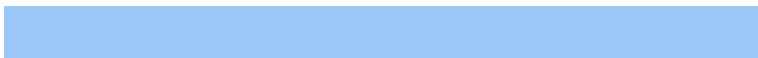
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.7025, 55.0850, 34.1876



42.3385, 55.0850, 56.2369



51.0335, 55.0850, 96.2752



63.8422, 55.0850, 63.8818

Rectangle

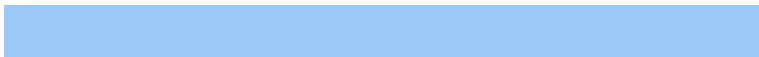
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.7025, 55.0850, 34.1876



45.3309, 55.0850, 40.0292



51.0335, 55.0850, 96.2752



60.0732, 55.0850, 85.6497

Sweetspot

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



53.7039, 55.0875, 34.1887



88.2256, 92.4908, 87.6978



47.3855, 38.3565, 44.7045



18.6903, 19.5798, 18.1819



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.



53.7039, 55.0875, 34.1887



70.7939, 71.8280, 38.1084



58.0470, 67.7263, 36.3994



13.7288, 14.3970, 13.7809



22.6957, 19.6770, 2.6018



1.5522, 1.4385, 0.1959

Inverse Universe

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



39.4960, 41.0358, 74.2458



48.2770, 49.5713, 101.6315



36.1587, 31.9384, 72.6658



12.7385, 13.4167, 16.5704



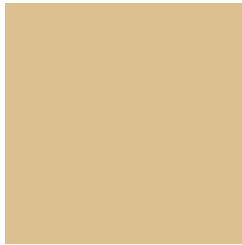
9.4889, 6.8473, 40.5599



0.6961, 0.6062, 2.6548

Previews

White Background



This preview shows how the XYZ color 53.7025, 55.0850, 34.1876 looks on a white background.

Color Contrast Check

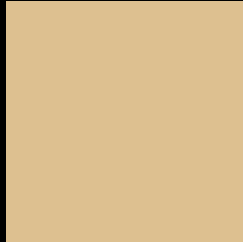
Large Text (above 18pt) WCAG AA × Fail

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 53.7025, 55.0850, 34.1876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

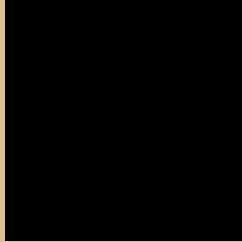
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7025, 55.0850, 34.1876

Background



This preview shows how black text looks on a background with the XYZ color 53.7025, 55.0850, 34.1876.



This preview shows how white text looks on a background with the XYZ color 53.7025, 55.0850,

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

53.7025, 55.0850, 34.1876

Protanopia

51.5066, 55.2568, 35.1451

Deuteranopia

56.3728, 55.1666, 34.4651



Tritanopia

59.3363, 55.1523, 61.5509

Trichromacy



Original Color

53.7025, 55.0850, 34.1876

Protanomaly

52.3575, 55.3707, 34.7161

Deuteranomaly

55.3033, 54.9335, 34.4765

Tritanomaly

57.1712, 55.2287, 50.2948

Monochromacy



Original Color

53.7025, 55.0850, 34.1876

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.0301, 54.5555, 48.8623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7025, 55.0850, 34.1876 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(221, 192, 144)` looks like.

```
.text, #text, p{  
    color:rgb(221, 192, 144)  
}
```

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(221, 192, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 192, 144) }
```

Border

The CSS property to change the border of an element to XYZ 53.7025, 55.0850, 34.1876 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(221, 192, 144) }
```


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

```
.border{ border-color:rgb(221, 192, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 192, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 192, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 192, 144);  
box-shadow:4px 4px 4px 4px rgb(221, 192,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7025, 55.0850, 34.1876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 192, 144) }
```

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

```
.background{ background-color: rgb(221,  
192, 144) }
```

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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