

Converting Colors

XYZ(53.2268, 53.5085, 35.9566)

Have a look what the booklet for
XYZ(53.2268, 53.5085, 35.9566)
contains.

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Color

**XYZ(53.2268, 53.5085,
35.9566)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBC95
RGB	221, 188, 149
RGB Percent	87%, 74%, 58%
CMY	0.1333, 0.2627, 0.4157
CMYK	0.00, 0.15, 0.33, 0.13
HSL	33°, 51%, 73%
HSV	33°, 33%, 87%
XYZ	53.2268, 53.5085, 35.9566
YIQ	193.4210, 32.1870, -5.1330

Conversions

Conversions Part 2

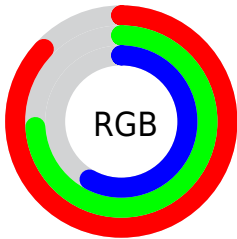
Format	Color
R _Y B	210, 221, 149
Decimal	14531733
CIE Lab	78.17, 6.21, 24.13
CIE LCh	78, 24.914, 75.575
Yxy	53.5085, 0.3730, 0.3750
Android (android.graphics.Color)	4292721813 (0xFFDDBC95)
YUV	193.4210, -21.8996, 24.1868
Hunter-Lab	73.1495, 1.8728, 22.0607

Details

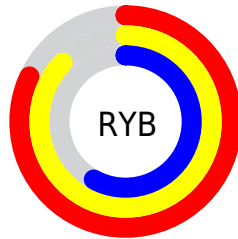
The XYZ color **53.2268, 53.5085, 35.9566** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.1730, 45.0645, 74.8822**, and the grayscale version is **51.0492, 53.7077, 58.4877**.

A 20% lighter version of the original color is **84.3702, 90.2732, 69.4776**, and **26.3856, 26.2091, 15.2235** is the 20% darker color. If you saturate the color by 10%, you get **49.5393, 48.6941, 26.8330**, and if you desaturate by 10%, it is **57.4038, 58.7654, 46.8963**.

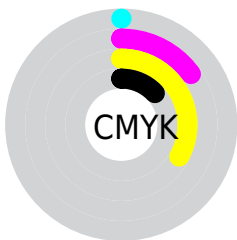
Distribution



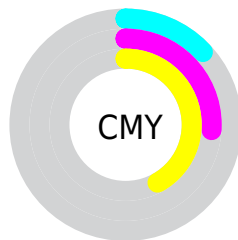
- Red (87%)
- Green (74%)
- Blue (58%)



- Red (82%)
- Yellow (87%)
- Blue (58%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (13%)





- Cyan (13%)
- Magenta (26%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2268, 53.5085, 35.9566 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 53.2268, 53.5085, 35.9566 by changing the saturation by 10% instead.


 53.2268, 53.5085,
35.9566


 53.2268, 53.5085,
35.9566


389.4013,
400.2330, 343.8025

 38.2121, 38.2089,
24.1113


 94.1016, 95.3522,
70.1334

 26.3253, 26.1448,
15.2032


 120.6923,
122.6651, 93.3019

 17.2011, 16.9320,
8.8139

151.8725,
154.7511, 121.0818

 10.4742, 10.1860,
4.5249

188.0073,
191.9947, 153.8918

 5.7791, 5.5225,
1.9175

229.4623,
234.7803, 192.1503

 2.7506, 2.5570,
0.5038

276.6027,

 1.0233, 0.9051,

283.4923, 236.2759

0.0000

329.7939,
338.5151, 286.6871

■ 0.0000, 0.0000,
0.0000

■ 53.2268, 53.5085,
35.9566

■ 53.2268, 53.5085,
35.9566

■ 49.5393, 48.6941,
26.8330

■ 57.4038, 58.7654,
46.8963

■ 46.3150, 44.3011,
19.4211

■ 62.0865, 64.4705,
59.7419

■ 43.5312, 40.3172,
13.6110

■ 67.2957, 70.6386,
74.5812

■ 41.1613, 36.7265,
9.2783

■ 73.0493, 77.2814,
91.4955

■ 39.1748, 33.5112,
6.2800

■ 78.6312, 84.1169,
106.6996

■ 37.5357, 30.6515,
4.4441

■ 81.6740, 90.2025,
107.7139

■ 36.5020, 28.7386,
3.6232

■ 83.6288, 94.1122,
108.3655

Harmonies

Analogous

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



57.6987, 53.5085, 41.1304



53.2268, 53.5085, 35.9566



48.3850, 53.5085, 36.0578

Triad

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



53.2268, 53.5085, 35.9566



42.3605, 53.5085, 65.7635



57.8435, 53.5085, 79.1226

Complementary

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



53.2268, 53.5085, 35.9566



42.1730, 45.0645, 74.8822

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.



53.4143, 53.5085, 88.1024



53.2268, 53.5085, 35.9566



44.5810, 53.5085, 79.5907

Square

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



53.2268, 53.5085, 35.9566



42.3174, 53.5085, 51.8330



48.5610, 53.5085, 88.2863



60.4772, 53.5085, 65.2010

Rectangle

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



53.2268, 53.5085, 35.9566



45.6024, 53.5085, 39.0574



48.5610, 53.5085, 88.2863



56.5031, 53.5085, 82.9105

Sweetspot

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



53.2282, 53.5110, 35.9577



87.5975, 91.2345, 87.4884



49.0723, 40.2699, 49.7687



18.5382, 19.2756, 18.1312



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.



53.2282, 53.5110, 35.9577



70.1077, 69.4550, 40.9642



60.3746, 68.8810, 38.5478



13.6375, 14.2144, 13.7505



21.3192, 16.9240, 2.1430



1.4670, 1.2680, 0.1674

Inverse Universe

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



42.1730, 45.0645, 74.8822



52.5891, 56.0745, 102.6595



36.6360, 33.3337, 72.9098



12.8278, 13.5954, 16.6002



10.4111, 8.6917, 40.8673



0.7600, 0.7341, 2.6761

Previews

White Background



This preview shows how the XYZ color 53.2268, 53.5085, 35.9566 looks on a white background.

Color Contrast Check

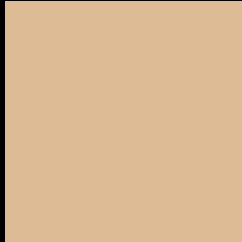
Large Text (above 18pt) WCAG AA × Fail

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 53.2268, 53.5085, 35.9566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

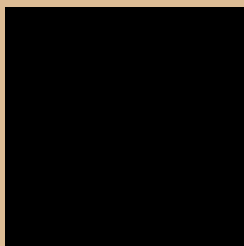
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

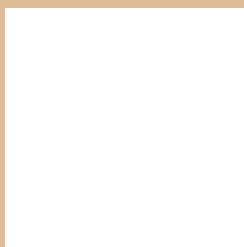
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2268, 53.5085, 35.9566

Background



This preview shows how black text looks on a background with the XYZ color 53.2268, 53.5085, 35.9566.



This preview shows how white text looks on a background with the XYZ color 53.2268, 53.5085,

35.9566.

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

53.2268, 53.5085, 35.9566

Protanopia

50.1095, 53.4961, 36.9629

Deuteranopia

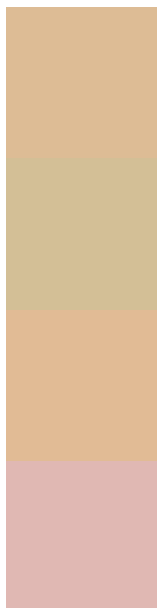
54.6623, 53.6186, 35.9022



Tritanopia

58.0558, 53.6102, 59.5125

Trichromacy



Original Color

53.2268, 53.5085, 35.9566

Protanomaly

50.9998, 53.3125, 36.4565

Deuteranomaly

54.2465, 53.7181, 35.9433

Tritanomaly

56.0176, 53.3829, 49.9993

Monochromacy



Original Color

53.2268, 53.5085, 35.9566

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.1952, 53.1324, 49.1523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2268, 53.5085, 35.9566 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, 188, 149)` looks like.

```
.text, #text, p{  
    color:rgb(221, 188, 149)  
}
```

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, 188, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 188, 149) }
```

Border

The CSS property to change the border of an element to XYZ 53.2268, 53.5085, 35.9566 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, 188, 149) }
```


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

```
.border{ border-color:rgb(221, 188, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 188, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 188, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 188, 149);  
box-shadow:4px 4px 4px 4px rgb(221, 188,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2268, 53.5085, 35.9566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 188, 149) }
```

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

```
.background{ background-color: rgb(221,  
188, 149) }
```

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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