

Converting Colors

XYZ(55.4557, 55.1592, 42.3743)

Have a look what the booklet for
XYZ(55.4557, 55.1592, 42.3743)
contains.

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Color

**XYZ(55.4557, 55.1592,
42.3743)**

Conversions

Conversions Part 1

Format	Color
Hex	DFBEA3
RGB	223, 190, 163
RGB Percent	87%, 75%, 64%
CMY	0.1255, 0.2549, 0.3608
CMYK	0.00, 0.15, 0.27, 0.13
HSL	27°, 48%, 76%
HSV	27°, 27%, 87%
XYZ	55.4557, 55.1592, 42.3743
YIQ	196.7890, 28.3350, -1.4010

Conversions

Conversions Part 2

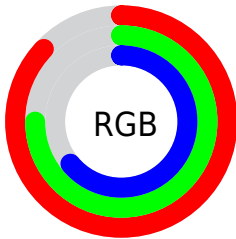
Format	Color
R_{YB}	223, 212, 163
Decimal	14663331
CIE Lab	79.13, 7.75, 18.00
CIE LCh	79, 19.599, 66.713
Yxy	55.1592, 0.3625, 0.3605
Android (android.graphics.Color)	4292853411 (0xFFDFBEA3)
YUV	196.7890, -16.6580, 22.9870
Hunter-Lab	74.2692, 3.3120, 18.1606

Details

The XYZ color **55.4557, 55.1592, 42.3743** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.1630, 52.5926, 77.4251**, and the grayscale version is **53.0301, 55.7918, 60.7573**.

A 20% lighter version of the original color is **86.8507, 92.2335, 79.5550**, and **27.7513, 27.2545, 18.8369** is the 20% darker color. If you saturate the color by 10%, you get **51.0862, 49.3405, 31.9142**, and if you desaturate by 10%, it is **60.4040, 61.5709, 54.7668**.

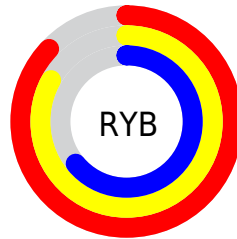
Distribution



Red (87%)

Green (75%)

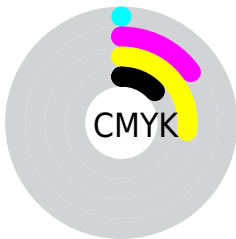
Blue (64%)



Red (87%)

Yellow (83%)

Blue (64%)

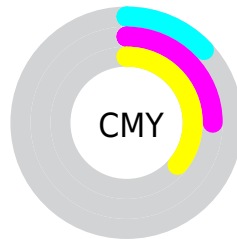


Cyan (0%)

Magenta (15%)

Yellow (27%)

Black (13%)



Cyan (13%)

Magenta (25%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4557, 55.1592, 42.3743 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 55.4557, 55.1592, 42.3743 by changing the saturation by 10% instead.


 55.4557, 55.1592,
42.3743


 55.4557, 55.1592,
42.3743

397.7454,
406.5151, 371.8775

 40.0020, 39.5292,
29.0667


 97.3527, 97.7742,
80.0420

 27.7243, 27.1717,
18.8853


 124.5268,
125.5279, 105.2392

 18.2573, 17.7022,
11.4115


156.3383,
158.0917, 135.2367

 11.2357, 10.7364,
6.2267

193.1526,
195.8500, 170.4530

 6.2941, 5.8899,
2.9124

235.3351,
239.1870, 211.3068

 3.0671, 2.7782,
1.0501

283.2512,

 1.1893, 1.0171,

288.4873, 258.2164

0.0000

337.2662,
344.1352, 311.6005

■ 0.0979, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4557, 55.1592,
42.3743

■ 55.4557, 55.1592,
42.3743

■ 51.0862, 49.3405,
31.9142

■ 60.4040, 61.5709,
54.7668

■ 47.2671, 44.0890,
23.2837

■ 65.9492, 68.5854,
69.1803

■ 43.9741, 39.3875,
16.3757

■ 72.1138, 76.2220,
85.7020

■ 41.1787, 35.2155,
11.0705

■ 78.9179, 84.4965,
104.4131

■ 38.8495, 31.5502,
7.2325

■ 83.0794, 92.1038,
108.0068

■ 36.9503, 28.3669,
4.7034

■ 84.2415, 94.4280,
108.3942

■ 35.4360, 25.6365,
3.2788

■ 35.0240, 24.8730,
2.9550

Harmonies

Analogous

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



58.6874, 55.1592, 48.0859



55.4557, 55.1592, 42.3743



51.5533, 55.1592, 41.1139

Triad

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



55.4557, 55.1592, 42.3743



45.3099, 55.1592, 62.6109



57.0508, 55.1592, 79.0243

Complementary

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



55.4557, 55.1592, 42.3743



48.1630, 52.5926, 77.4251

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.



53.3108, 55.1592, 84.0791



55.4557, 55.1592, 42.3743



46.6287, 55.1592, 73.8708

Square

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



55.4557, 55.1592, 42.3743



45.8207, 55.1592, 51.9431



49.5109, 55.1592, 82.0848



59.6399, 55.1592, 68.9791

Rectangle

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



55.4557, 55.1592, 42.3743



49.1200, 55.1592, 42.8068



49.5109, 55.1592, 82.0848



55.8796, 55.1592, 81.4168

Sweetspot

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



55.4571, 55.1617, 42.3754



88.4626, 91.8050, 91.3523



53.4929, 45.8685, 58.2592



18.6826, 19.3333, 18.8914



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.



55.4571, 55.1617, 42.3754



71.8994, 70.4482, 49.5468



62.6358, 69.5189, 44.7683



14.2127, 14.7113, 14.3973



20.7030, 14.8438, 1.7740



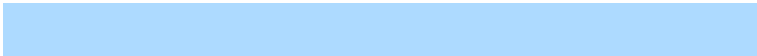
1.5235, 1.2058, 0.1524

Inverse Universe

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



48.1630, 52.5926, 77.4251



60.5146, 66.4348, 104.2415



42.0604, 40.3874, 75.3909



13.5737, 14.4866, 17.4685



12.0840, 11.6375, 42.6577



0.9267, 0.9848, 2.9865

Previews

White Background



This preview shows how the XYZ color 55.4557, 55.1592, 42.3743 looks on a white background.

Color Contrast Check

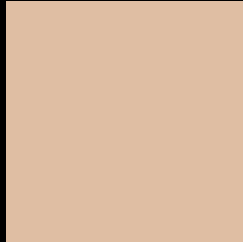
Large Text (above 18pt) WCAG AA × Fail

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 55.4557, 55.1592, 42.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

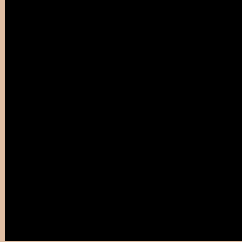
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4557, 55.1592, 42.3743

Background



This preview shows how black text looks on a background with the XYZ color 55.4557, 55.1592, 42.3743.



This preview shows how white text looks on a background with the XYZ color 55.4557, 55.1592,

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

55.4557, 55.1592, 42.3743

Protanopia

52.3550, 55.4984, 44.0293

Deuteranopia

56.4870, 55.3704, 42.3607



Tritanopia

59.3363, 55.1523, 61.5509

Trichromacy



Original Color

55.4557, 55.1592, 42.3743

Protanomaly

53.5239, 55.4463, 43.4785

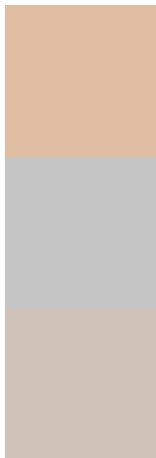
Deuteranomaly

56.1725, 55.2083, 42.3460

Tritanomaly

57.9973, 55.2546, 54.0628

Monochromacy



Original Color

55.4557, 55.1592, 42.3743

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.5023, 55.2082, 53.7353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4557, 55.1592, 42.3743 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, 190, 163)` looks like.

```
.text, #text, p{  
    color:rgb(223, 190, 163)  
}
```

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, 190, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 190, 163) }
```

Border

The CSS property to change the border of an element to XYZ 55.4557, 55.1592, 42.3743 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, 190, 163) }
```


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

```
.border{ border-color:rgb(223, 190, 163) }
```

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

Here you see how a box with a 4 pixel rgb(223, 190, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 190, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 190, 163);  
box-shadow:4px 4px 4px 4px rgb(223, 190,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4557, 55.1592, 42.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 190, 163) }
```

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

```
.background{ background-color: rgb(223,  
190, 163) }
```

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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