

Converting Colors

XYZ(55.7446, 55.7303, 37.9560)

Have a look what the booklet for
XYZ(55.7446, 55.7303, 37.9560)
contains.

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Color

**XYZ(55.7446, 55.7303,
37.9560)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BF99
RGB	226, 191, 153
RGB Percent	89%, 75%, 60%
CMY	0.1137, 0.2510, 0.4000
CMYK	0.00, 0.15, 0.32, 0.11
HSL	31°, 56%, 74%
HSV	31°, 32%, 89%
XYZ	55.7446, 55.7303, 37.9560
YIQ	197.1330, 33.0580, -4.3980

Conversions

Conversions Part 2

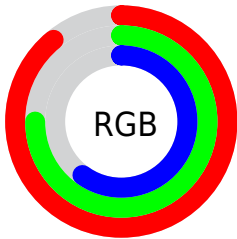
Format	Color
R_YB	220, 226, 153
Decimal	14860185
CIE Lab	79.46, 7.06, 23.83
CIE LCh	79, 24.854, 73.491
Yxy	55.7303, 0.3730, 0.3730
Android (android.graphics.Color)	4293050265 (0xFFE2BF99)
YUV	197.1330, -21.7576, 25.3164
Hunter-Lab	74.6527, 2.6470, 22.1118

Details

The XYZ color **55.7446, 55.7303, 37.9560** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.8470, 48.2282, 78.8968**, and the grayscale version is **53.2658, 56.0398, 61.0273**.

A 20% lighter version of the original color is **85.8859, 92.3356, 72.9704**, and **28.0643, 27.6823, 16.4344** is the 20% darker color. If you saturate the color by 10%, you get **51.7763, 50.5032, 28.2799**, and if you desaturate by 10%, it is **60.2441, 61.4536, 49.5545**.

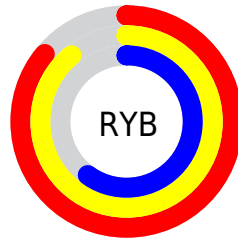
Distribution



Red (89%)

Green (75%)

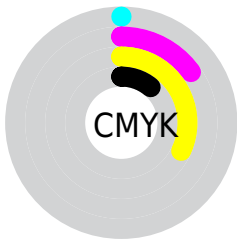
Blue (60%)



Red (86%)

Yellow (89%)

Blue (60%)

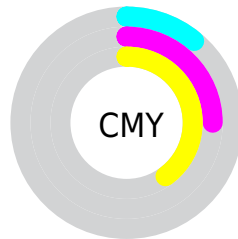


Cyan (0%)

Magenta (15%)

Yellow (32%)

Black (11%)



Cyan (11%)


Magenta (25%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7446, 55.7303, 37.9560 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 55.7446, 55.7303, 37.9560 by changing the saturation by 10% instead.


 55.7446, 55.7303,
37.9560


 55.7446, 55.7303,
37.9560


398.8189,
408.6743, 352.7237

 40.2344, 39.9867,
25.6470


 97.7730, 98.6101,
73.2434

 27.9064, 27.5282,
16.3363


 125.0220,
126.5152, 97.0588

 18.3952, 17.9703,
9.6055


156.9145,
159.2429, 125.5468

 11.3355, 10.9287,
5.0360

193.8160,
197.1776, 159.1258

 6.3619, 6.0189,
2.2093

236.0919,
240.7036, 198.2145

 3.1091, 2.8566,
0.6797

284.1074,

 1.2117, 1.0573,

290.2055, 243.2313

0.0000

338.2280,
346.0676, 294.5949

■ 0.1156, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7446, 55.7303,
37.9560

■ 55.7446, 55.7303,
37.9560

■ 51.7763, 50.5032,
28.2799

■ 60.2441, 61.4536,
49.5545

■ 48.3111, 45.7490,
20.4163

■ 65.2927, 67.6799,
63.1704

■ 45.3247, 41.4537,
14.2489

■ 70.9124, 74.4259,
78.8964

■ 42.7883, 37.5995,
9.6467

■ 77.1228, 81.7048,
96.8183

■ 40.6694, 34.1666,
6.4589

■ 82.1198, 88.8002,
107.4197

■ 38.9294, 31.1326,
4.5043

■ 85.1740, 94.9088,
108.4378

■ 37.8024, 29.0455,
3.6139

Harmonies

Analogous

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



60.2432, 55.7303, 43.6592



55.7446, 55.7303, 37.9560



50.7620, 55.7303, 37.6827

Triad

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



55.7446, 55.7303, 37.9560



44.1737, 55.7303, 67.3228



59.8547, 55.7303, 82.8887

Complementary

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



55.7446, 55.7303, 37.9560



44.8470, 48.2282, 78.8968

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.



55.2411, 55.7303, 91.5295



55.7446, 55.7303, 37.9560



46.3071, 55.7303, 81.6351

Square

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



55.7446, 55.7303, 37.9560



44.2897, 55.7303, 53.1998



50.2890, 55.7303, 91.0376



62.7162, 55.7303, 68.8323

Rectangle

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



55.7446, 55.7303, 37.9560



47.8479, 55.7303, 40.5211



50.2890, 55.7303, 91.0376



58.4452, 55.7303, 86.6148

Sweetspot

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



55.7460, 55.7329, 37.9571



87.4363, 90.9121, 87.4347



51.8633, 42.5949, 53.2259



18.4992, 19.1976, 18.1182



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.



55.7460, 55.7329, 37.9571



69.5944, 68.4285, 40.7931



63.9301, 72.6655, 40.7941



14.2946, 14.8752, 14.4246



21.6860, 16.8099, 2.1017



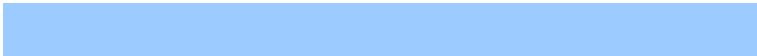
1.5927, 1.3442, 0.1755

Inverse Universe

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



44.8470, 48.2282, 78.8968



53.0824, 57.0612, 102.8239



38.4870, 35.1655, 76.7107



13.4914, 14.3220, 17.4410



11.0289, 9.5273, 42.3060



0.8537, 0.8389, 2.9622

Previews

White Background



This preview shows how the XYZ color 55.7446, 55.7303, 37.9560 looks on a white background.

Color Contrast Check

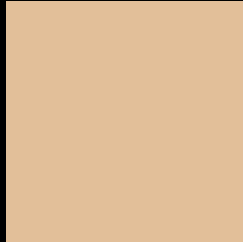
Large Text (above 18pt) WCAG AA × Fail

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 55.7446, 55.7303, 37.9560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

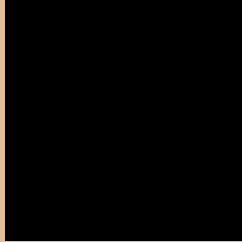
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7446, 55.7303, 37.9560

Background



This preview shows how black text looks on a background with the XYZ color 55.7446, 55.7303, 37.9560.



This preview shows how white text looks on a background with the XYZ color 55.7446, 55.7303,

37.9560.

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

55.7446, 55.7303, 37.9560

Protanopia

52.5453, 56.0344, 39.4988

Deuteranopia

56.9024, 55.6840, 37.8860



Tritanopia

60.6128, 55.8104, 61.6107

Trichromacy



Original Color

55.7446, 55.7303, 37.9560

Protanomaly

53.7504, 55.9957, 38.9856

Deuteranomaly

56.4763, 55.7848, 37.9279

Tritanomaly

58.5269, 55.5761, 51.8985

Monochromacy



Original Color

55.7446, 55.7303, 37.9560

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.8680, 55.7763, 51.6428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7446, 55.7303, 37.9560 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(226, 191, 153)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 191, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 191, 153) }
```

Border

The CSS property to change the border of an element to XYZ 55.7446, 55.7303, 37.9560 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(226, 191, 153) }
```


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

```
.border{ border-color:rgb(226, 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(226, 191, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 191, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 191, 153);  
box-shadow:4px 4px 4px 4px rgb(226, 191,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7446, 55.7303, 37.9560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 191, 153) }
```

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

```
.background{ background-color: rgb(226,  
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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