

Converting Colors

XYZ(55.0752, 54.7804, 43.7477)

Have a look what the booklet for
XYZ(55.0752, 54.7804, 43.7477)
contains.

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Color

**XYZ(55.1152, 54.9522,
43.7784)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBEA6
RGB	221, 190, 166
RGB Percent	87%, 75%, 65%
CMY	0.1333, 0.2549, 0.3490
CMYK	0.00, 0.14, 0.25, 0.13
HSL	26°, 45%, 76%
HSV	26°, 25%, 87%
XYZ	55.1152, 54.9522, 43.7784
YIQ	196.5330, 26.1800, -0.8920

Conversions

Conversions Part 2

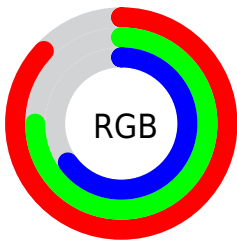
Format	Color
R _Y B	221, 209, 166
Decimal	14532262
CIE Lab	79.01, 7.41, 16.20
CIE LCh	79, 17.814, 65.437
Yxy	54.9522, 0.3582, 0.3572
Android (android.graphics.Color)	4292722342 (0xFFDDBEA6)
YUV	196.5330, -15.0528, 21.4576
Hunter-Lab	74.1298, 2.9870, 16.8763

Details

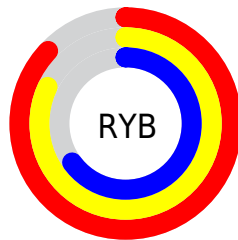
The XYZ color **55.1152, 54.9522, 43.7784** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **48.7430, 53.2587, 76.1179**, and the grayscale version is **52.8674, 55.6206, 60.5708**.

A 20% lighter version of the original color is **87.2469, 92.3920, 81.6416**, and **27.5000, 27.1056, 19.7021** is the 20% darker color. If you saturate the color by 10%, you get **50.6766, 49.0451, 33.1418**, and if you desaturate by 10%, it is **60.1357, 61.4647, 56.3288**.

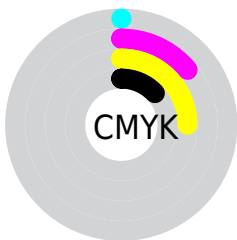
Distribution



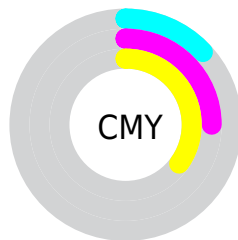
- Red (87%)
- Green (75%)
- Blue (65%)



- Red (87%)
- Yellow (82%)
- Blue (65%)



- Cyan (0%)
- Magenta (14%)
- Yellow (25%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1152, 54.9522, 43.7784 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 55.1152, 54.9522, 43.7784 by changing the saturation by 10% instead.

 55.1152, 54.9522,
43.7784


 55.1152, 54.9522,
43.7784


396.4778,
405.7307, 377.8181

 39.7282, 39.3635,
30.1604


 96.8571, 97.4709,
82.1831

 27.5099, 27.0426,
19.7073


 123.9426,
125.1697, 107.8069

 18.0951, 17.6052,
12.0005

155.6584,
157.6739, 138.2697

 11.1184, 10.6669,
6.6215

192.3697,
195.3680, 173.9901

 6.2144, 5.8433,
3.1517

234.4419,
238.6363, 215.3866

 3.0178, 2.7501,
1.1726

282.2405,

 1.1632, 1.0027,

287.8633, 262.8777

0.0000

336.1306,
343.4333, 316.8820

■ 0.0770, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1152, 54.9522,
43.7784

■ 55.1152, 54.9522,
43.7784

■ 50.6766, 49.0451,
33.1418

■ 60.1357, 61.4647,
56.3288

■ 46.7920, 43.7174,
24.3200

■ 65.7557, 68.5929,
70.8787

■ 43.4374, 38.9518,
17.2100

■ 71.9976, 76.3561,
87.5124

■ 40.5852, 34.7273,
11.6970

■ 78.8811, 84.7704,
106.3085

■ 38.2049, 31.0214,
7.6519

■ 82.7670, 92.3883,
108.0782

■ 36.2615, 27.8091,
4.9250

■ 83.6289, 94.1122,
108.3655

■ 34.7137, 25.0623,
3.3337

■ 34.0433, 23.8210,
2.8036

Harmonies

Analogous

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



57.9826, 54.9522, 49.2146



55.1152, 54.9522, 43.7784



51.5873, 54.9522, 42.4295

Triad

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



55.1152, 54.9522, 43.7784



45.7350, 54.9522, 61.7022



56.2827, 54.9522, 77.1880

Complementary

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



55.1152, 54.9522, 43.7784



48.7430, 53.2587, 76.1179

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.



52.8789, 54.9522, 81.4449



55.1152, 54.9522, 43.7784



46.8718, 54.9522, 71.8798

Square

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



55.1152, 54.9522, 43.7784



46.2735, 54.9522, 52.0807



49.4481, 54.9522, 79.4005



58.6778, 54.9522, 68.3201

Rectangle

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



55.1152, 54.9522, 43.7784



49.3573, 54.9522, 43.8806



49.4481, 54.9522, 79.4005



55.2129, 54.9522, 79.2487

Sweetspot

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



55.1167, 54.9547, 43.7795



89.1824, 92.6520, 93.4189



53.5527, 46.6842, 59.1125



18.9847, 19.7001, 19.7241



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.



55.1167, 54.9547, 43.7795



72.8416, 71.5253, 52.3498



61.6010, 67.9235, 45.9410



13.5212, 13.9818, 13.7117



19.8845, 14.0546, 1.6648



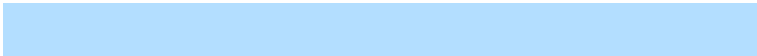
1.3729, 1.0800, 0.1361

Inverse Universe

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



48.7430, 53.2587, 76.1179



62.5435, 68.7811, 104.5874



43.0900, 41.9529, 74.2336



12.9445, 13.8287, 16.6391



11.9232, 11.7159, 41.3714



0.8576, 0.9294, 2.7086

Previews

White Background



This preview shows how the XYZ color 55.1152, 54.9522, 43.7784 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 55.1152, 54.9522, 43.7784 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 55.1152, 54.9522, 43.7784

Background



This preview shows how black text looks on a background with the XYZ color 55.1152, 54.9522, 43.7784.



This preview shows how white text looks on a background with the XYZ color 55.1152, 54.9522,

43.7784.

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

55.1152, 54.9522, 43.7784

Protanopia

52.1301, 55.0166, 45.4078

Deuteranopia

55.9175, 54.7272, 43.6926



Tritanopia

58.8256, 54.8756, 62.1352

Trichromacy



Original Color

55.1152, 54.9522, 43.7784

Protanomaly

53.0018, 54.8160, 44.8328

Deuteranomaly

55.8210, 54.9957, 43.7495

Tritanomaly

57.5879, 55.0188, 55.1614

Monochromacy



Original Color

55.1152, 54.9522, 43.7784

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.6083, 55.2506, 54.2933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1152, 54.9522, 43.7784 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, 190, 166)` looks like.

```
.text, #text, p{  
    color:rgb(221, 190, 166)  
}
```

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, 190, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 190, 166) }
```

Border

The CSS property to change the border of an element to XYZ 55.1152, 54.9522, 43.7784 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, 190, 166) }
```


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

```
.border{ border-color:rgb(221, 190, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 190, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 190, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 190, 166);  
box-shadow:4px 4px 4px 4px rgb(221, 190,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1152, 54.9522, 43.7784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 190, 166) }
```

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

```
.background{ background-color: rgb(221,  
190, 166) }
```

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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