

Converting Colors

XYZ(54.7841, 55.0571, 32.2207)

Have a look what the booklet for
XYZ(54.7841, 55.0571, 32.2207)
contains.

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Color

**XYZ(54.7522, 55.0219,
32.1606)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BE8B
RGB	227, 190, 139
RGB Percent	89%, 75%, 55%
CMY	0.1098, 0.2549, 0.4549
CMYK	0.00, 0.16, 0.39, 0.11
HSL	35°, 61%, 72%
HSV	35°, 39%, 89%
XYZ	54.7522, 55.0219, 32.1606
YIQ	195.2490, 38.4230, -8.0170

Conversions

Conversions Part 2

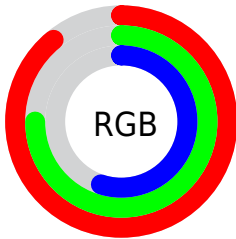
Format	Color
R_{YB}	203, 227, 139
Decimal	14925451
CIE _{Lab}	79.05, 6.31, 30.69
CIE _{LCh}	79, 31.335, 78.374
Yxy	55.0219, 0.3858, 0.3877
Android (android.graphics.Color)	4293115531 (0xFFE3BE8B)
YUV	195.2490, -27.7308, 27.8456
Hunter-Lab	74.1767, 1.9472, 26.2175

Details

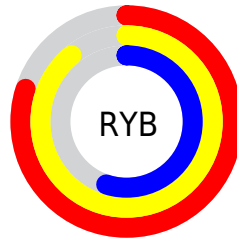
The XYZ color **54.7522, 55.0219, 32.1606** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.0374, 42.0842, 78.6858**, and the grayscale version is **52.1656, 54.8823, 59.7668**.

A 20% lighter version of the original color is **83.8214, 91.0218, 63.6032**, and **27.2847, 27.1419, 13.0334** is the 20% darker color. If you saturate the color by 10%, you get **51.2634, 50.4286, 23.6470**, and if you desaturate by 10%, it is **58.7236, 60.0288, 42.5352**.

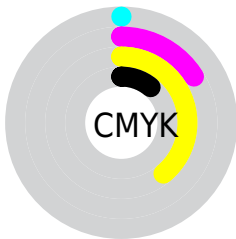
Distribution



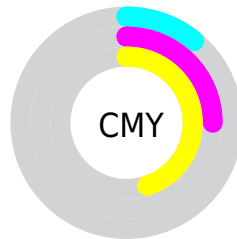
- Red (89%)
- Green (75%)
- Blue (55%)



- Red (80%)
- Yellow (89%)
- Blue (55%)



- Cyan (0%)
- Magenta (16%)
- Yellow (39%)
- Black (11%)




- Cyan (11%)
- Magenta (25%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7522, 55.0219, 32.1606 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 54.7522, 55.0219, 32.1606 by changing the saturation by 10% instead.


 54.7522, 55.0219,
32.1606


 54.7522, 55.0219,
32.1606


395.1236,
405.9949, 326.3654


 39.4364, 39.4193,
21.2184


 96.3282, 97.5730,
64.1636

 27.2817, 27.0860,
13.0909


 123.3192,
125.2903, 86.0615

 17.9225, 17.6379,
7.3597


 154.9326,
157.8146, 112.4483

 10.9937, 10.6903,
3.6062

191.5338,
195.5303, 143.7425

 6.1299, 5.8590,
1.4119

233.4881,
238.8218, 180.3629

 2.9656, 2.7595,
0.1510

281.1610,

 1.1356, 1.0075,

288.0735, 222.7278

0.0000

334.9177,
343.6697, 271.2558

■ 0.0546, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7522, 55.0219,
32.1606

■ 54.7522, 55.0219,
32.1606

■ 51.2634, 50.4286,
23.6470

■ 58.7236, 60.0288,
42.5352

■ 48.2289, 46.2275,
16.8771

■ 63.1954, 65.4544,
54.8717

■ 45.6236, 42.4063,
11.7253

■ 68.1898, 71.3135,
69.2676

■ 43.4175, 38.9486,
8.0477

■ 73.7259, 77.6176,
85.8129

■ 41.5758, 35.8360,
5.6741

■ 79.8221, 84.3776,
104.5923

■ 40.0470, 33.0432,
4.3477

■ 83.0700, 90.2338,
107.6464

■ 39.8716, 32.7171,
4.2136

■ 85.4885, 95.0709,
108.4525

Harmonies

Analogous

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



60.6789, 55.0219, 37.7189



54.7522, 55.0219, 32.1606



48.6049, 55.0219, 32.8570

Triad

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



54.7522, 55.0219, 32.1606



41.7160, 55.0219, 71.4075



61.7883, 55.0219, 85.7583

Complementary

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



54.7522, 55.0219, 32.1606



40.0374, 42.0842, 78.6858

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.



56.1708, 55.0219, 98.7970



54.7522, 55.0219, 32.1606



44.7243, 55.0219, 89.4425

Square

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



54.7522, 55.0219, 32.1606



41.4024, 55.0219, 53.2477



49.9157, 55.0219, 100.2654



64.9518, 55.0219, 67.1049

Rectangle

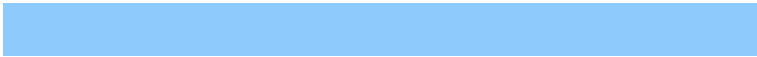
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.7522, 55.0219, 32.1606



45.1959, 55.0219, 36.8055



49.9157, 55.0219, 100.2654



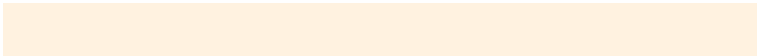
60.1047, 55.0219, 91.0901

Sweetspot

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



54.7536, 55.0245, 32.1617



86.5415, 90.2487, 83.6643



48.8606, 37.9763, 46.4201



18.3385, 19.1007, 17.3724



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.



54.7536, 55.0245, 32.1617



67.3632, 66.4925, 32.2610



61.9888, 72.1953, 35.0947



15.0674, 15.7486, 15.1501



23.3711, 19.3164, 2.4966



1.8185, 1.6102, 0.2150

Inverse Universe

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



40.0374, 42.0842, 78.6858



45.5268, 47.3053, 101.3391



34.7518, 30.0196, 76.6357



14.0783, 14.8779, 18.2741



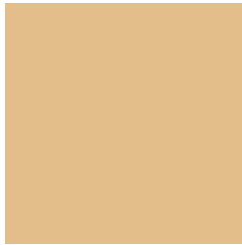
10.6050, 8.2721, 43.4209



0.8739, 0.7917, 3.2387

Previews

White Background



This preview shows how the XYZ color 54.7522, 55.0219, 32.1606 looks on a white background.

Color Contrast Check

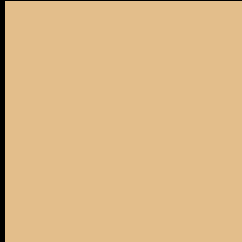
Large Text (above 18pt) WCAG AA × Fail

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 54.7522, 55.0219, 32.1606 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 54.7522, 55.0219, 32.1606

Background



This preview shows how black text looks on a background with the XYZ color 54.7522, 55.0219, 32.1606.



This preview shows how white text looks on a background with the XYZ color 54.7522, 55.0219,

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

54.7522, 55.0219, 32.1606

Protanopia

51.4116, 55.2518, 33.1543

Deuteranopia

56.2477, 55.1542, 32.1073



Tritanopia

60.4103, 54.8108, 60.2189

Trichromacy



Original Color

54.7522, 55.0219, 32.1606

Protanomaly

52.6407, 55.2287, 32.6967

Deuteranomaly

55.8128, 55.2482, 32.1484

Tritanomaly

58.1404, 54.8214, 48.5916

Monochromacy



Original Color

54.7522, 55.0219, 32.1606

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.5400, 54.5005, 48.3079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7522, 55.0219, 32.1606 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(227, 190, 139)` looks like.

```
.text, #text, p{  
    color:rgb(227, 190, 139)  
}
```

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(227, 190, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 190, 139) }
```

Border

The CSS property to change the border of an element to XYZ 54.7522, 55.0219, 32.1606 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(227, 190, 139) }
```


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

```
.border{ border-color:rgb(227, 190, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 190, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 190, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 190, 139); box-shadow:4px 4px 4px 4px rgb(227, 190, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7522, 55.0219, 32.1606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 190, 139) }
```

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

```
.background{ background-color: rgb(227,  
190, 139) }
```

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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