

Converting Colors

XYZ(54.8506, 54.8197, 22.4422)

Have a look what the booklet for
XYZ(54.8506, 54.8197, 22.4422)
contains.

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Color

**XYZ(54.9438, 55.0134,
22.4747)**

Conversions

Conversions Part 1

Format	Color
Hex	EABD6E
RGB	234, 189, 110
RGB Percent	92%, 74%, 43%
CMY	0.0824, 0.2588, 0.5686
CMYK	0.00, 0.19, 0.53, 0.08
HSL	38°, 75%, 67%
HSV	38°, 53%, 92%
XYZ	54.9438, 55.0134, 22.4747
YIQ	193.4490, 52.1790, -15.0290

Conversions

Conversions Part 2

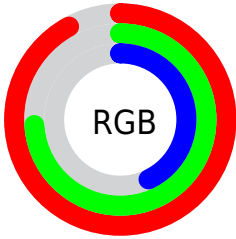
Format	Color
RYB	181, 234, 110
Decimal	15383918
CIELab	79.05, 6.82, 45.68
CIELCh	79, 46.187, 81.508
Yxy	55.0134, 0.4149, 0.4154
Android (android.graphics.Color)	4293573998 (0xFFEABD6E)
YUV	193.4490, -41.1404, 35.5632
Hunter-Lab	74.1710, 2.4285, 33.9541

Details

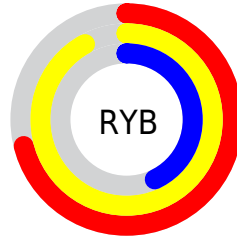
The XYZ color **54.9438, 55.0134, 22.4747** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **33.0027, 32.6971, 82.4135**, and the grayscale version is **51.1674, 53.8321, 58.6232**.

A 20% lighter version of the original color is **80.5033, 89.2092, 47.6264**, and **27.4981, 27.1542, 7.9297** is the 20% darker color. If you saturate the color by 10%, you get **52.0612, 51.0249, 16.0368**, and if you desaturate by 10%, it is **58.2724, 59.3556, 30.7218**.

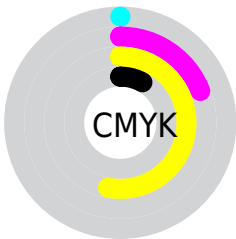
Distribution



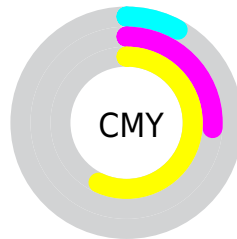
- Red (92%)
- Green (74%)
- Blue (43%)



- Red (71%)
- Yellow (92%)
- Blue (43%)



- Cyan (0%)
- Magenta (19%)
- Yellow (53%)
- Black (8%)





- Cyan (8%)
- Magenta (26%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9438, 55.0134, 22.4747 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 54.9438, 55.0134, 22.4747 by changing the saturation by 10% instead.


 54.9438, 55.0134,
22.4747

 54.9438, 55.0134,
22.4747


395.8387,
405.9627, 278.0493


 39.5904, 39.4125,
14.0045


 96.6074, 97.5606,
48.4415


 27.4021, 27.0807,
7.9850


 123.6483,
125.2756, 66.7752

 18.0136, 17.6339,
3.9977


 155.3158,
157.7975, 89.2338

 11.0595, 10.6874,
1.6241

 191.9751,
195.5105, 116.2359

 6.1745, 5.8571,
0.3079

233.9918,
238.7992, 148.1999

 2.9931, 2.7584,
0.0000

281.7310,

 1.1501, 1.0069,

288.0478, 185.5444

0.0000

335.5582,
343.6409, 228.6881

■ 0.0664, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9438, 55.0134,
22.4747

■ 54.9438, 55.0134,
22.4747

■ 52.0612, 51.0249,
16.0368

■ 58.2724, 59.3556,
30.7218

■ 49.5916, 47.3678,
11.2615


■ 62.0690, 64.0568,
40.9027

■ 47.5034, 44.0284,
7.9846


■ 66.3584, 69.1318,
53.1345


■ 45.7566, 40.9878,
6.0059


■ 71.1626, 74.5922,
67.5241

 44.6934, 39.0159,
5.1752

 76.5021, 80.4486,
84.1708

 82.3959, 86.7115,
103.1679

 85.6852, 92.1196,
107.8725

 87.7416, 96.2324,
108.5580

Harmonies

Analogous

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



64.0857, 55.0134, 28.3612



54.9438, 55.0134, 22.4747



46.0694, 55.0134, 24.0561

Triad

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



54.9438, 55.0134, 22.4747



37.5011, 55.0134, 80.4532



67.3871, 55.0134, 97.2757

Complementary

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



54.9438, 55.0134, 22.4747



33.0027, 32.6971, 82.4135

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.



59.0438, 55.0134, 120.4548



54.9438, 55.0134, 22.4747



42.0361, 55.0134, 108.9278

Square

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



54.9438, 55.0134, 22.4747



36.6760, 55.0134, 52.7281



49.7203, 55.0134, 125.2510



71.8015, 55.0134, 67.6950

Rectangle

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



54.9438, 55.0134, 22.4747



41.4227, 55.0134, 29.4148



49.7203, 55.0134, 125.2510



64.9057, 55.0134, 106.3953

Sweetspot

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



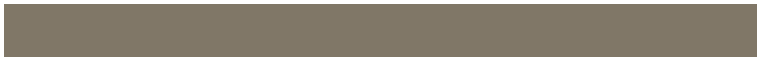
54.9451, 55.0160, 22.4758



84.6208, 88.5605, 76.3862



45.4636, 31.0271, 34.8095



17.8514, 18.6600, 15.5653



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.



54.9451, 55.0160, 22.4758



62.8536, 61.4104, 18.6201



60.9916, 74.7947, 25.9748



15.8657, 16.6544, 15.8971



25.2390, 22.1722, 2.9494



2.0727, 1.9227, 0.2619

Inverse Universe

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



33.0027, 32.6971, 82.4135



33.5133, 31.6243, 98.9455



29.1108, 21.5693, 80.4707



14.6787, 15.4437, 19.1295



10.2761, 7.1992, 44.5909



0.8956, 0.7426, 3.5310

Previews

White Background



This preview shows how the XYZ color 54.9438, 55.0134, 22.4747 looks on a white background.

Color Contrast Check

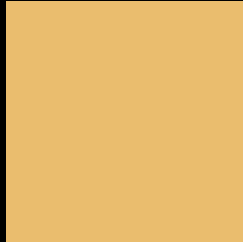
Large Text (above 18pt) WCAG AA × Fail

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 54.9438, 55.0134, 22.4747 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 54.9438, 55.0134, 22.4747

Background



This preview shows how black text looks on a background with the XYZ color 54.9438, 55.0134, 22.4747.



This preview shows how white text looks on a background with the XYZ color 54.9438, 55.0134,

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

54.9438, 55.0134, 22.4747

Protanopia

50.7449, 55.1192, 23.5873

Deuteranopia

56.1814, 55.0172, 22.4101



Tritanopia

62.0214, 54.7912, 57.7590

Trichromacy



Original Color

54.9438, 55.0134, 22.4747

Protanomaly

52.1188, 54.8394, 23.1673

Deuteranomaly

55.7227, 55.0968, 22.4497

Tritanomaly

58.8042, 54.6885, 42.1069

Monochromacy



Original Color

54.9438, 55.0134, 22.4747

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.4729, 53.7535, 42.3129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9438, 55.0134, 22.4747 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(234, 189, 110)` looks like.

```
.text, #text, p{  
    color:rgb(234, 189, 110)  
}
```

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(234, 189, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 189, 110) }
```

Border

The CSS property to change the border of an element to XYZ 54.9438, 55.0134, 22.4747 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(234, 189, 110) }
```


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

```
.border{ border-color:rgb(234, 189, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 189, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 189, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 189, 110);  
box-shadow:4px 4px 4px 4px rgb(234, 189,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9438, 55.0134, 22.4747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 189, 110) }
```

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

```
.background{ background-color: rgb(234,  
189, 110) }
```

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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