

Converting Colors

XYZ(55.5194, 52.2415, 34.7612)

Have a look what the booklet for
XYZ(55.5194, 52.2415, 34.7612)
contains.

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Color

**XYZ(55.5194, 52.2415,
34.7612)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB493
RGB	234, 180, 147
RGB Percent	92%, 71%, 58%
CMY	0.0824, 0.2941, 0.4235
CMYK	0.00, 0.23, 0.37, 0.08
HSL	23°, 67%, 75%
HSV	23°, 37%, 92%
XYZ	55.5194, 52.2415, 34.7612
YIQ	192.3840, 42.7770, 1.1850

Conversions

Conversions Part 2

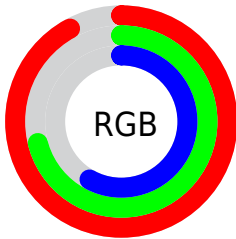
Format	Color
R_{YB}	234, 200, 147
Decimal	15381651
CIE Lab	77.43, 15.27, 24.39
CIE LCh	77, 28.772, 57.946
Yxy	52.2415, 0.3895, 0.3666
Android (android.graphics.Color)	4293571731 (0xFFEAB493)
YUV	192.3840, -22.3743, 36.4972
Hunter-Lab	72.2783, 10.6249, 22.0801

Details

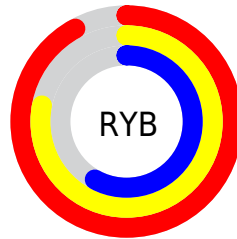
The XYZ color **55.5194, 52.2415, 34.7612** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.7698, 53.9150, 85.7308**, and the grayscale version is **50.4378, 53.0645, 57.7872**.

A 20% lighter version of the original color is **81.7781, 85.4680, 67.4451**, and **27.8322, 25.3704, 14.4964** is the 20% darker color. If you saturate the color by 10%, you get **51.0871, 46.0225, 25.1276**, and if you desaturate by 10%, it is **60.6351, 59.2293, 46.4663**.

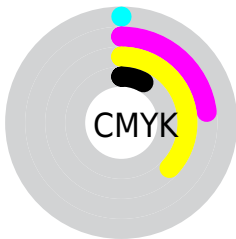
Distribution



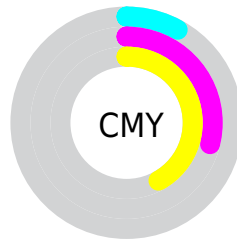
- Red (92%)
- Green (71%)
- Blue (58%)



- Red (92%)
- Yellow (78%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (37%)
- Black (8%)





- Cyan (8%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5194, 52.2415, 34.7612 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 55.5194, 52.2415, 34.7612 by changing the saturation by 10% instead.


 55.5194, 52.2415,
34.7612

 55.5194, 52.2415,
34.7612


397.9822,
395.3682, 338.3852

 40.0532, 37.1976,
23.1969

 97.4454, 93.4873,
68.2630

 27.7644, 25.3605,
14.5323


 124.6360,
120.4580, 91.0376

 18.2877, 16.3459,
8.3489


156.4654,
152.1731, 118.3861

 11.2577, 9.7692,
4.2280

193.2990,
189.0170, 150.7270

 6.3090, 5.2462,
1.7512

235.5021,
231.3740, 188.4788

 3.0763, 2.3924,
0.3955

283.4401,

 1.1942, 0.8220,

279.6287, 232.0601

0.0000

337.4784,
334.1653, 281.8894

■ 0.1018, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5194, 52.2415,
34.7612

■ 55.5194, 52.2415,
34.7612

■ 51.0871, 46.0225,
25.1276

■ 60.6351, 59.2293,
46.4663

■ 47.3019, 40.5369,
17.4391

■ 66.4601, 67.0048,
60.3526

■ 44.1302, 35.7573,
11.5604

■ 73.0237, 75.5955,
76.5258

■ 41.5326, 31.6513,
7.3371

■ 80.3523, 85.0252,
95.0839

■ 39.4647, 28.1835,
4.5883

■ 86.9871, 94.7233,
108.3065

■ 37.8707, 25.3126,
3.0794

■ 87.7417, 96.2324,
108.5580

■ 37.4851, 24.5993,
2.7725

Harmonies

Analogous

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



59.6620, 52.2415, 43.7595



55.5194, 52.2415, 34.7612



50.0363, 52.2415, 31.5343

Triad

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



55.5194, 52.2415, 34.7612



39.7589, 52.2415, 55.7968



54.8108, 52.2415, 88.2816

Complementary

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



55.5194, 52.2415, 34.7612



47.7698, 53.9150, 85.7308

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.



49.2736, 52.2415, 93.1055



55.5194, 52.2415, 34.7612



40.8328, 52.2415, 72.3964

Square

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



55.5194, 52.2415, 34.7612



41.1685, 52.2415, 42.1902



44.2169, 52.2415, 86.8255



59.2320, 52.2415, 74.6411

Rectangle

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



55.5194, 52.2415, 34.7612



46.4462, 52.2415, 32.5323



44.2169, 52.2415, 86.8255



53.0062, 52.2415, 91.0876

Sweetspot

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



55.5207, 52.2440, 34.7622



85.5539, 87.7146, 85.0583



55.0382, 42.6294, 61.2670



18.0783, 18.4688, 17.6293



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.



55.5207, 52.2440, 34.7622



63.0874, 57.3515, 32.6526



65.4260, 72.0545, 38.0640



15.5338, 15.9906, 15.7865



21.1765, 14.0473, 1.5953



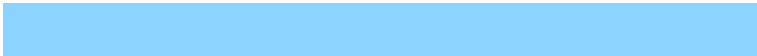
1.7530, 1.2834, 0.1553

Inverse Universe

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



47.7698, 53.9150, 85.7308



52.3180, 59.6384, 103.3617



39.2139, 36.8031, 82.8788



15.0098, 16.1061, 19.2399



14.1802, 15.0074, 45.8923



1.2057, 1.3629, 3.6344

Previews

White Background



This preview shows how the XYZ color 55.5194, 52.2415, 34.7612 looks on a white background.

Color Contrast Check

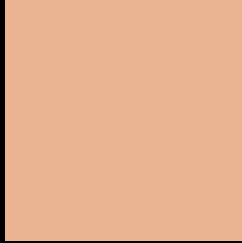
Large Text (above 18pt) WCAG AA × Fail

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 55.5194, 52.2415, 34.7612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

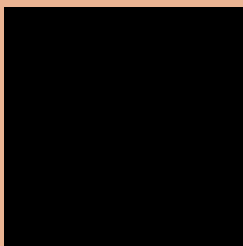
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5194, 52.2415, 34.7612

Background



This preview shows how black text looks on a background with the XYZ color 55.5194, 52.2415, 34.7612.



This preview shows how white text looks on a background with the XYZ color 55.5194, 52.2415,

34.7612.

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

55.5194, 52.2415, 34.7612

Protanopia

49.2001, 52.3660, 37.2203

Deuteranopia

53.3801, 52.3639, 34.4879



Tritanopia

59.4730, 52.0801, 54.4948

Trichromacy



Original Color

55.5194, 52.2415, 34.7612

Protanomaly

51.2997, 52.1897, 36.2240

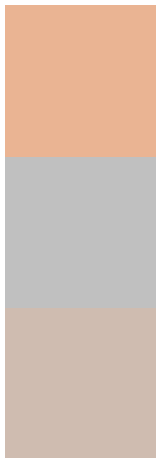
Deuteranomaly

54.1167, 52.4363, 34.4631

Tritanomaly

57.9932, 52.0723, 46.5296

Monochromacy



Original Color

55.5194, 52.2415, 34.7612

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.5518, 52.3664, 48.4650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5194, 52.2415, 34.7612 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, 180, 147)` looks like.

```
.text, #text, p{  
    color:rgb(234, 180, 147)  
}
```

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, 180, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 180, 147) }
```

Border

The CSS property to change the border of an element to XYZ 55.5194, 52.2415, 34.7612 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, 180, 147) }
```


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

```
.border{ border-color:rgb(234, 180, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 180, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 180, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 180, 147);  
box-shadow:4px 4px 4px 4px rgb(234, 180,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5194, 52.2415, 34.7612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 180, 147) }
```

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

```
.background{ background-color: rgb(234,  
180, 147) }
```

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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