

Converting Colors

XYZ(55.4271, 50.0462, 34.6422)

Have a look what the booklet for
XYZ(55.4271, 50.0462, 34.6422)
contains.

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Color

**XYZ(55.5488, 50.2024,
34.7793)**

Conversions

Conversions Part 1

Format	Color
Hex	EEAD94
RGB	238, 173, 148
RGB Percent	93%, 68%, 58%
CMY	0.0667, 0.3215, 0.4196
CMYK	0.00, 0.27, 0.38, 0.07
HSL	17°, 73%, 76%
HSV	17°, 38%, 93%
XYZ	55.5488, 50.2024, 34.7793
YIQ	189.5850, 46.7650, 6.0050

Conversions

Conversions Part 2

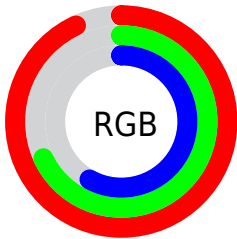
Format	Color
R _Y B	238, 183, 148
Decimal	15642004
CIE Lab	76.19, 20.65, 22.24
CIE LCh	76, 30.350, 47.118
Yxy	50.2024, 0.3953, 0.3572
Android (android.graphics.Color)	4293832084 (0xFFEEAD94)
YUV	189.5850, -20.5014, 42.4600
Hunter-Lab	70.8537, 15.9489, 20.4944

Details

The XYZ color **55.5488, 50.2024, 34.7793** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.4388, 60.0554, 89.7697**, and the grayscale version is **48.8013, 51.3428, 55.9123**.

A 20% lighter version of the original color is **79.9200, 81.5629, 67.4081**, and **27.6965, 23.9993, 14.4818** is the 20% darker color. If you saturate the color by 10%, you get **50.7688, 43.3536, 24.8279**, and if you desaturate by 10%, it is **61.1427, 58.0590, 46.9138**.

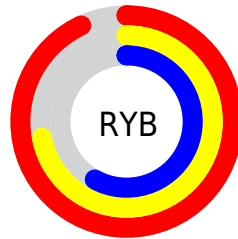
Distribution



Red (93%)

Green (68%)

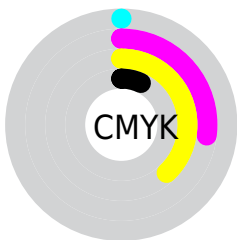
Blue (58%)



Red (93%)

Yellow (72%)

Blue (58%)

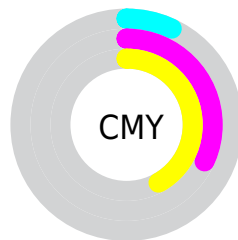


Cyan (0%)

Magenta (27%)

Yellow (38%)

Black (7%)



Cyan (7%)

Magenta (32%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5488, 50.2024, 34.7793 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 55.5488, 50.2024, 34.7793 by changing the saturation by 10% instead.


 55.5488, 50.2024,
34.7793

 55.5488, 50.2024,
34.7793


398.0915,
387.4569, 338.4677

 40.0769, 35.5742,
23.2107

 97.4882, 90.4747,
68.2914

 27.7830, 24.1056,
14.5424


 124.6864,
116.8876, 91.0720

 18.3017, 15.4119,
8.3558


156.5240,
147.9976, 118.4271

 11.2678, 9.1090,
4.2325

193.3665,
184.1890, 150.7751

 6.3159, 4.8124,
1.7537

235.5791,
225.8462, 188.5346

 3.0806, 2.1376,
0.3972

283.5273,

 1.1965, 0.6856,

273.3537, 232.1242

0.0000

337.5763,
327.0958, 281.9624

■ 0.1036, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5488, 50.2024,
34.7793

■ 55.5488, 50.2024,
34.7793

■ 50.7688, 43.3536,
24.8279

■ 61.1427, 58.0590,
46.9138

■ 46.7589, 37.4636,
16.9255

■ 67.5837, 66.9552,
61.3487

■ 43.4768, 32.4901,
10.9274

■ 74.9079, 76.9304,
78.1963

■ 40.8741, 28.3846,
6.6687

■ 83.1477, 88.0198,
97.5609

■ 38.8954, 25.0933,
3.9560

■ 89.0699, 96.9172,
108.6201

■ 37.4711, 22.5539,
2.5278

■ 37.2154, 22.0881,
2.3020

Harmonies

Analogous

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



58.9454, 50.2024, 45.9543



55.5488, 50.2024, 34.7793



50.1950, 50.2024, 29.4682

Triad

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



55.5488, 50.2024, 34.7793



37.8322, 50.2024, 47.9743



51.0066, 50.2024, 90.3775

Complementary

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



55.5488, 50.2024, 34.7793



51.4388, 60.0554, 89.7697

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.



45.3197, 50.2024, 91.2175



55.5488, 50.2024, 34.7793



38.0116, 50.2024, 64.4053

Square

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



55.5488, 50.2024, 34.7793



40.1449, 50.2024, 36.0039



40.6562, 50.2024, 80.9642



56.1835, 50.2024, 78.8565

Rectangle

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



55.5488, 50.2024, 34.7793



46.3740, 50.2024, 29.1075



40.6562, 50.2024, 80.9642



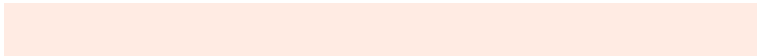
49.0834, 50.2024, 91.9890

Sweetspot

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



55.5501, 50.2048, 34.7803



84.7331, 86.0730, 84.7847



57.9877, 44.2125, 69.0962



17.8835, 18.0793, 17.5644



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.



55.5501, 50.2048, 34.7803



60.7696, 52.7159, 31.8800



65.4183, 69.9413, 38.0697



16.1303, 16.4736, 16.4793



20.8557, 12.5096, 1.3154



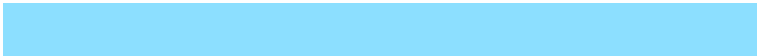
1.8157, 1.2021, 0.1363

Inverse Universe

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



51.4388, 60.0554, 89.7697



55.3268, 65.6560, 104.3646



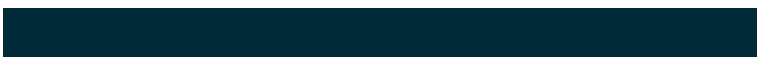
41.8338, 40.8455, 86.5681



15.8545, 17.1432, 20.1949



16.9413, 20.1069, 48.1160



1.4925, 1.8389, 4.0305

Previews

White Background



This preview shows how the XYZ color 55.5488, 50.2024, 34.7793 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 55.5488, 50.2024, 34.7793 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 55.5488, 50.2024, 34.7793

Background



This preview shows how black text looks on a background with the XYZ color 55.5488, 50.2024, 34.7793.



This preview shows how white text looks on a background with the XYZ color 55.5488, 50.2024,

34.7793.

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

55.5488, 50.2024, 34.7793

Protanopia

47.4528, 50.4751, 38.2520

Deuteranopia

51.3055, 50.3700, 34.6220



Tritanopia

58.6187, 50.0422, 50.2856

Trichromacy



Original Color

55.5488, 50.2024, 34.7793

Protanomaly

50.0416, 50.2801, 36.7733

Deuteranomaly

52.8654, 50.2783, 34.5221

Tritanomaly

57.4713, 50.1393, 44.1849

Monochromacy



Original Color

55.5488, 50.2024, 34.7793

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.6105, 50.6415, 47.6648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5488, 50.2024, 34.7793 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(238, 173, 148)` looks like.

```
.text, #text, p{  
    color:rgb(238, 173, 148)  
}
```

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(238, 173, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 173, 148) }
```

Border

The CSS property to change the border of an element to XYZ 55.5488, 50.2024, 34.7793 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(238, 173, 148) }
```


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

```
.border{ border-color:rgb(238, 173, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 173, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 173, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 173, 148);  
box-shadow:4px 4px 4px 4px rgb(238, 173,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5488, 50.2024, 34.7793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 173, 148) }
```

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

```
.background{ background-color: rgb(238,  
173, 148) }
```

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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