

Converting Colors

XYZ(55.7962, 53.6007, 29.2966)

Have a look what the booklet for
XYZ(55.7962, 53.6007, 29.2966)
contains.

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Color

**XYZ(55.8974, 53.7798,
29.2642)**

Conversions

Conversions Part 1

Format	Color
Hex	ECB884
RGB	236, 184, 132
RGB Percent	93%, 72%, 52%
CMY	0.0745, 0.2784, 0.4823
CMYK	0.00, 0.22, 0.44, 0.07
HSL	30°, 73%, 72%
HSV	30°, 44%, 93%
XYZ	55.8974, 53.7798, 29.2642
YIQ	193.6200, 47.6840, -5.1480

Conversions

Conversions Part 2

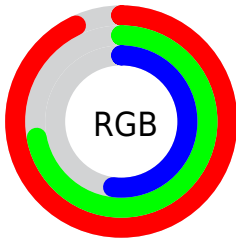
Format	Color
R _{YB}	236, 236, 132
Decimal	15513732
CIE _{Lab}	78.33, 12.30, 33.57
CIE _{LCh}	78, 35.757, 69.877
Yxy	53.7798, 0.4023, 0.3871
Android (android.graphics.Color)	4293703812 (0xFFECB884)
YUV	193.6200, -30.3787, 37.1673
Hunter-Lab	73.3347, 7.7210, 27.6746

Details

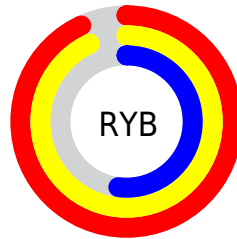
The XYZ color **55.8974, 53.7798, 29.2642** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.7958, 45.2408, 85.8861**, and the grayscale version is **51.2088, 53.8756, 58.6706**.

A 20% lighter version of the original color is **81.2630, 87.1253, 58.9882**, and **27.9994, 26.3068, 11.5846** is the 20% darker color. If you saturate the color by 10%, you get **52.1122, 48.5082, 20.9161**, and if you desaturate by 10%, it is **60.2550, 59.6116, 39.6064**.

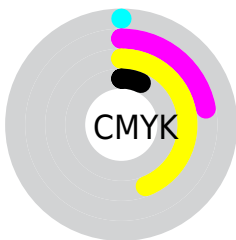
Distribution



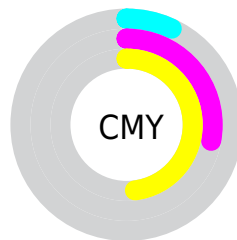
- Red (93%)
- Green (72%)
- Blue (52%)



- Red (93%)
- Yellow (93%)
- Blue (52%)



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)
- Black (7%)



- Cyan (7%)
- Magenta (28%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8974, 53.7798, 29.2642 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 55.8974, 53.7798, 29.2642 by changing the saturation by 10% instead.

55.8974, 53.7798,
29.2642

55.8974, 53.7798,
29.2642

399.3860,
401.2698, 312.5593

40.3573, 38.4256,
19.0335

97.9952, 95.7509,
59.5438

28.0027, 26.3132,
11.5174

125.2837,
123.1365, 80.4297

18.4682, 17.0581,
6.2975

157.2191,
155.3015, 105.7044

11.3884, 10.2759,
2.9551

194.1666,
192.6302, 135.7865

6.3979, 5.5823,
1.0717

236.4917,
235.5070, 171.0945

3.1314, 2.5928,
0.0000

284.5598,

1.2237, 0.9230,

284.3162, 212.0470

0.0000

338.7361,
339.4424, 259.0624

■ 0.1249, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8974, 53.7798,
29.2642

■ 55.8974, 53.7798,
29.2642

■ 52.1122, 48.5082,
20.9161

■ 60.2550, 59.6116,
39.6064

■ 48.8656, 43.7691,
14.4259


■ 65.2084, 66.0144,
52.0600


■ 46.1256, 39.5436,
9.6450


■ 70.7845, 73.0084,
66.7374

■ 43.8543, 35.8079,
6.4005


■ 77.0069, 80.6104,
83.7415

 42.0065, 32.5349,
4.4814

 83.8981, 88.8362,
103.1690

 41.0719, 30.7926,
3.7788

 88.3378, 96.4444,
108.5675

 88.4020, 96.5728,
108.5889

Harmonies

Analogous

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



62.1793, 53.7798, 37.1217



55.8974, 53.7798, 29.2642



48.8376, 53.7798, 28.1543

Triad

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



55.8974, 53.7798, 29.2642



38.9483, 53.7798, 65.4347



60.2588, 53.7798, 93.4778

Complementary

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



55.8974, 53.7798, 29.2642



41.7958, 45.2408, 85.8861

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.



53.4643, 53.7798, 105.4419



55.8974, 53.7798, 29.2642



41.4497, 53.7798, 86.9729

Square

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



55.8974, 53.7798, 29.2642



39.4706, 53.7798, 46.2495



46.6155, 53.7798, 102.8216



64.8526, 53.7798, 72.8747

Rectangle

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



55.8974, 53.7798, 29.2642



44.6885, 53.7798, 31.0469



46.6155, 53.7798, 102.8216



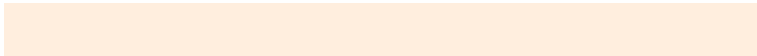
58.1322, 53.7798, 98.8351

Sweetspot

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



55.8987, 53.7824, 29.2653



85.1036, 87.9238, 81.4874



51.4953, 37.7965, 49.9292



17.8826, 18.4070, 16.5479



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.



55.8987, 53.7824, 29.2653



62.4832, 58.3367, 25.6885



68.7523, 79.4896, 33.5498



15.6878, 16.2986, 15.8378



22.7692, 17.2326, 2.1262



1.8841, 1.5456, 0.1990

Inverse Universe

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



41.7958, 45.2408, 85.8861



43.6340, 46.9206, 101.3646



32.9078, 27.4648, 82.9235



14.8534, 15.7932, 19.1878



12.0454, 10.7378, 45.1807



1.0421, 1.0356, 3.5798

Previews

White Background



This preview shows how the XYZ color 55.8974, 53.7798, 29.2642 looks on a white background.

Color Contrast Check

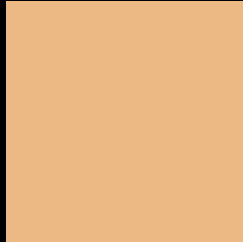
Large Text (above 18pt) WCAG AA × Fail

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 55.8974, 53.7798, 29.2642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

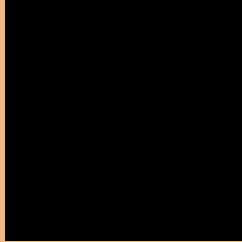
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.8974, 53.7798, 29.2642

Background



This preview shows how black text looks on a background with the XYZ color 55.8974, 53.7798, 29.2642.



This preview shows how white text looks on a background with the XYZ color 55.8974, 53.7798,

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

55.8974, 53.7798, 29.2642

Protanopia

50.0302, 53.9165, 31.0626

Deuteranopia

55.0025, 53.9396, 29.3422



Tritanopia

61.0952, 53.4691, 55.8157

Trichromacy



Original Color

55.8974, 53.7798, 29.2642

Protanomaly

52.0000, 53.6363, 30.5338

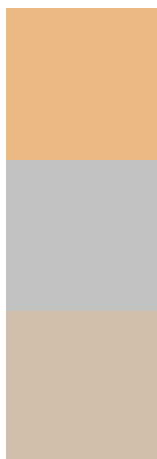
Deuteranomaly

55.1181, 53.6875, 29.2875

Tritanomaly

58.8781, 53.4555, 44.7508

Monochromacy



Original Color

55.8974, 53.7798, 29.2642

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.0586, 53.3225, 46.0766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8974, 53.7798, 29.2642 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(236, 184, 132)` looks like.

```
.text, #text, p{  
    color:rgb(236, 184, 132)  
}
```

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(236, 184, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 184, 132) }
```

Border

The CSS property to change the border of an element to XYZ 55.8974, 53.7798, 29.2642 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(236, 184, 132) }
```


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

```
.border{ border-color:rgb(236, 184, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 184, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 184, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 184, 132);  
box-shadow:4px 4px 4px 4px rgb(236, 184,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8974, 53.7798, 29.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 184, 132) }
```

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

```
.background{ background-color: rgb(236,  
184, 132) }
```

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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