

Converting Colors

XYZ(64.1415, 64.3768, 47.5740)

Have a look what the booklet for
XYZ(64.1415, 64.3768, 47.5740)
contains.

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Color

**XYZ(64.2034, 64.3031,
47.5559)**

Conversions

Conversions Part 1

Format	Color
Hex	EECCAB
RGB	238, 204, 171
RGB Percent	93%, 80%, 67%
CMY	0.0667, 0.2000, 0.3294
CMYK	0.00, 0.14, 0.28, 0.07
HSL	30°, 66%, 80%
HSV	30°, 28%, 93%
XYZ	64.2034, 64.3031, 47.5559
YIQ	210.4040, 30.8570, -3.0550

Conversions

Conversions Part 2

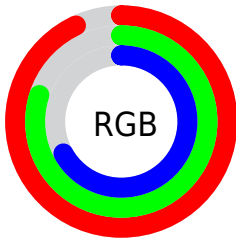
Format	Color
R _Y B	238, 236, 171
Decimal	15649963
CIE Lab	84.12, 7.14, 20.88
CIE LCh	84, 22.070, 71.117
Yxy	64.3031, 0.3647, 0.3652
Android (android.graphics.Color)	4293840043 (0xFFEECCAB)
YUV	210.4040, -19.4262, 24.2017
Hunter-Lab	80.1892, 2.5847, 20.9707

Details

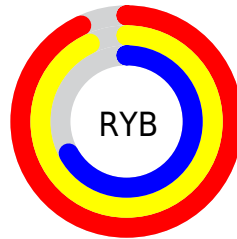
The XYZ color **64.2034, 64.3031, 47.5559** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.0579, 58.4919, 89.3300**, and the grayscale version is **61.6350, 64.8448, 70.6160**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **33.2922, 32.9684, 22.0616** is the 20% darker color. If you saturate the color by 10%, you get **59.3765, 57.9587, 35.7444**, and if you desaturate by 10%, it is **69.6647, 71.2620, 61.5955**.

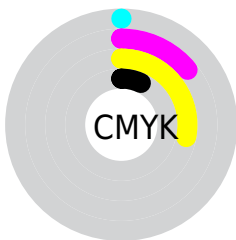
Distribution



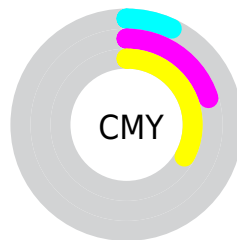
- Red (93%)
- Green (80%)
- Blue (67%)



- Red (93%)
- Yellow (93%)
- Blue (67%)



- Cyan (0%)
- Magenta (14%)
- Yellow (28%)
- Black (7%)





- Cyan (7%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2034, 64.3031, 47.5559 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 64.2034, 64.3031, 47.5559 by changing the saturation by 10% instead.


 64.2034, 64.3031,
47.5559

 64.2034, 64.3031,
47.5559


429.5144,
440.2834, 393.4869

 47.0777, 46.8962,
33.1178


 109.9759,
111.0473, 87.9015

 33.3053, 32.9536,
21.9449


139.3535,
141.1535, 114.6461

 22.5208, 22.0909,
13.6185


173.5457,
176.2615, 146.3299

 14.3588, 13.9237,
7.7201

212.9180,
216.7557, 183.3715

 8.4540, 8.0676,
3.8312

257.8356,
263.0207, 226.1895

 4.4410, 4.1383,
1.5332


308.6640,


 1.9545, 1.7512,


315.4407, 275.2024


0.2425


365.7684,
374.4001, 330.8287


 0.6082, 0.4565,
0.0000


 0.0000, 0.0000,
0.0000


 64.2034, 64.3031,
47.5559

 64.2034, 64.3031,
47.5559


 59.3765, 57.9587,
35.7444


 69.6647, 71.2620,
61.5955


 55.1522, 52.2010,
26.0399

 75.7805, 78.8443,
77.9676

 51.5027, 47.0131,
18.3157

 82.5763, 87.0699,
96.7750

 48.3962, 42.3734,
12.4295

 88.2176, 95.2124,
108.3360

■ 45.7966, 38.2587,
8.2199

■ 89.0700, 96.9172,
108.6201

■ 43.6625, 34.6429,
5.4968

■ 41.9376, 31.4938,
3.9950

■ 41.6494, 30.9561,
3.7800

Harmonies

Analogous

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



68.4580, 64.3031, 53.7990



64.2034, 64.3031, 47.5559



59.3280, 64.3031, 46.8321

Triad

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



64.2034, 64.3031, 47.5559



52.3713, 64.3031, 75.3215



67.4939, 64.3031, 92.2577

Complementary

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



64.2034, 64.3031, 47.5559



54.0579, 58.4919, 89.3300

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.



62.9439, 64.3031, 99.8095



64.2034, 64.3031, 47.5559



54.3226, 64.3031, 89.2007

Square

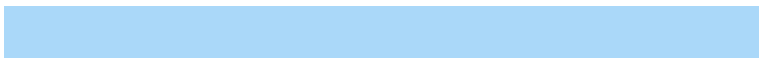
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.2034, 64.3031, 47.5559



52.6685, 64.3031, 61.6786



58.1334, 64.3031, 98.6218



70.4265, 64.3031, 79.0710

Rectangle

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



64.2034, 64.3031, 47.5559



56.3994, 64.3031, 49.4493



58.1334, 64.3031, 98.6218



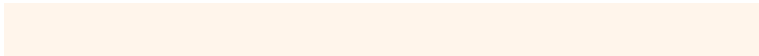
66.0931, 64.3031, 95.6138

Sweetspot

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



64.2051, 64.3061, 47.5572



88.7241, 92.3279, 91.4394



60.9173, 51.7413, 64.9256



18.7483, 19.4648, 18.9133



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.



64.2051, 64.3061, 47.5572



71.6325, 70.6915, 47.0619



72.8613, 81.6185, 50.4426



16.4158, 17.0448, 16.5745



23.3652, 17.5284, 2.1518



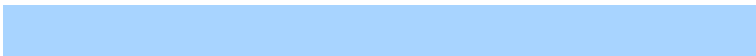
2.0431, 1.6570, 0.2121

Inverse Universe

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



54.0579, 58.4919, 89.3300



57.8786, 62.8102, 103.6808



47.0026, 44.3813, 86.9782



15.5602, 16.5546, 20.0968



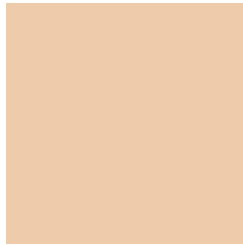
12.5380, 11.3002, 46.6482



1.1426, 1.1392, 3.9139

Previews

White Background



This preview shows how the XYZ color 64.2034, 64.3031, 47.5559 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 64.2034, 64.3031, 47.5559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

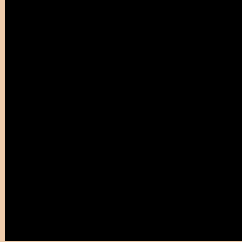
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2034, 64.3031, 47.5559

Background



This preview shows how black text looks on a background with the XYZ color 64.2034, 64.3031, 47.5559.



This preview shows how white text looks on a background with the XYZ color 64.2034, 64.3031,

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

64.2034, 64.3031, 47.5559

Protanopia

60.8108, 64.6788, 49.3236

Deuteranopia

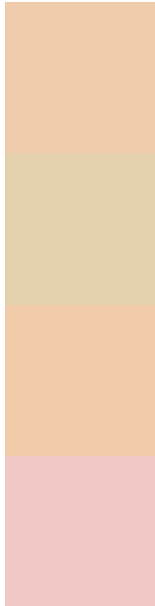
65.7794, 64.4144, 47.4944



Tritanopia

69.1665, 64.2469, 71.7062

Trichromacy



Original Color

64.2034, 64.3031, 47.5559

Protanomaly

62.0936, 64.6229, 48.7359

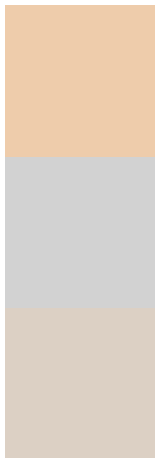
Deuteranomaly

65.3246, 64.5294, 47.5405

Tritanomaly

67.1229, 64.0865, 62.2583

Monochromacy



Original Color

64.2034, 64.3031, 47.5559

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.0349, 64.3129, 61.3686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2034, 64.3031, 47.5559 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, 204, 171)` looks like.

```
.text, #text, p{  
    color:rgb(238, 204, 171)  
}
```

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, 204, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 204, 171) }
```

Border

The CSS property to change the border of an element to XYZ 64.2034, 64.3031, 47.5559 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, 204, 171) }
```


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

```
.border{ border-color:rgb(238, 204, 171) }
```

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

Here you see how a box with a 4 pixel rgb(238, 204, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 204, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 204, 171);  
box-shadow:4px 4px 4px 4px rgb(238, 204,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2034, 64.3031, 47.5559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 204, 171) }
```

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

```
.background{ background-color: rgb(238,  
204, 171) }
```

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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