

Converting Colors

XYZ(54.8557, 52.0978, 31.6161)

Have a look what the booklet for
XYZ(54.8557, 52.0978, 31.6161)
contains.

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Color

**XYZ(54.9131, 51.9990,
31.5687)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | EAB48B |
| RGB | 234, 180, 139 |
| RGB Percent | 92%, 71%, 55% |
| CMY | 0.0824, 0.2941, 0.4549 |
| CMYK | 0.00, 0.23, 0.41, 0.08 |
| HSL | 26°, 69%, 73% |
| HSV | 26°, 41%, 92% |
| XYZ | 54.9131, 51.9990, 31.5687 |
| YIQ | 191.4720, 45.3450, -1.3030 |

Conversions

Conversions Part 2

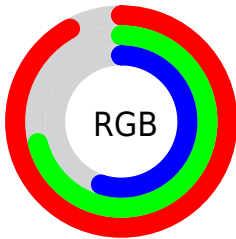
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 234, 211, 139 |
| Decimal | 15381643 |
| CIE _{Lab} | 77.28, 14.37, 28.46 |
| CIE _{LCh} | 77, 31.877, 63.212 |
| Yxy | 51.9990, 0.3965, 0.3755 |
| Android (android.graphics.Color) | 4293571723 (0xFFEAB48B) |
| YUV | 191.4720, -25.8687, 37.2971 |
| Hunter-Lab | 72.1103, 9.7373, 24.5211 |

Details

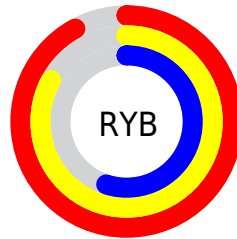
The XYZ color **54.9131, 51.9990, 31.5687** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.5679, 49.5675, 85.0602**, and the grayscale version is **49.9237, 52.5236, 57.1982**.

A 20% lighter version of the original color is **80.8611, 85.1012, 62.6164**, and **27.2970, 25.1301, 12.8631** is the 20% darker color. If you saturate the color by 10%, you get **50.8258, 46.2740, 22.6548**, and if you desaturate by 10%, it is **59.6266, 58.3906, 42.4978**.

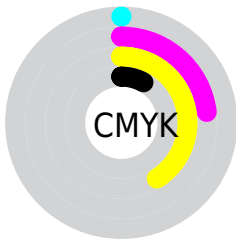
Distribution



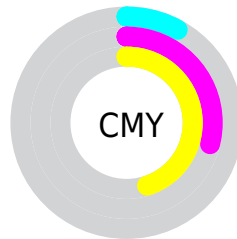
- Red (92%)
- Green (71%)
- Blue (55%)



- Red (92%)
- Yellow (83%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (8%)





- Cyan (8%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9131, 51.9990, 31.5687 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 54.9131, 51.9990, 31.5687 by changing the saturation by 10% instead.


 54.9131, 51.9990,
31.5687

 54.9131, 51.9990,
31.5687


395.7242,
394.4327, 323.5818


 39.5657, 37.0043,
20.7702


 96.5627, 93.1298,
63.2244

 27.3828, 25.2108,
12.7665


 123.5956,
120.0346, 84.9186

 17.9990, 16.2342,
7.1391

 155.2544,
151.6783, 111.0818

 11.0490, 9.6900,
3.4695

191.9045,
188.4451, 142.1326

 6.1673, 5.1939,
1.3391

233.9111,
230.7196, 178.4894

 2.9887, 2.3615,
0.0935

281.6397,

 1.1478, 0.8060,

278.8861, 220.5709

0.0000

335.4556,
333.3290, 268.7955

■ 0.0645, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9131, 51.9990,
31.5687

■ 54.9131, 51.9990,
31.5687

■ 50.8258, 46.2740,
22.6548

■ 59.6266, 58.3906,
42.4978

■ 47.3301, 41.1844,
15.6263

■ 64.9908, 65.4639,
55.5543

■ 44.3933, 36.7070,
10.3434

■ 71.0336, 73.2425,
70.8459

■ 41.9775, 32.8139,
6.6446

■ 77.7797, 81.7468,
88.4720

■ 40.0383, 29.4741,
4.3380

■ 85.0911, 90.9315,
107.6745

■ 38.5855, 26.8002,
3.1393

■ 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.



59.9254, 51.9990, 40.1073



54.9131, 51.9990, 31.5687



48.7678, 51.9990, 29.2178

Triad

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



54.9131, 51.9990, 31.5687



38.5912, 51.9990, 58.5253



56.1460, 51.9990, 89.7142

Complementary

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



54.9131, 51.9990, 31.5687



44.5679, 49.5675, 85.0602

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.



50.0850, 51.9990, 97.3223



54.9131, 51.9990, 31.5687



40.2263, 51.9990, 77.1328

Square

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



54.9131, 51.9990, 31.5687



39.6549, 51.9990, 42.7599



44.3125, 51.9990, 92.3024



60.6774, 51.9990, 73.1871

Rectangle

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



54.9131, 51.9990, 31.5687



44.9336, 51.9990, 30.9710



44.3125, 51.9990, 92.3024



54.2029, 51.9990, 93.5379

Sweetspot

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



54.9144, 52.0015, 31.5697



85.2094, 87.5846, 83.2203



52.9490, 39.8719, 56.1903



18.0252, 18.4741, 17.2680



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.



54.9144, 52.0015, 31.5697



62.4095, 57.1468, 28.8778



65.8109, 73.7945, 35.2019



15.6002, 16.1234, 15.8086



21.8026, 15.2995, 1.8040



1.8059, 1.3892, 0.1730

Inverse Universe

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



44.5679, 49.5675, 85.0602



48.1659, 53.7745, 102.4486



35.9200, 32.2716, 82.1776



14.9418, 15.9700, 19.2173



13.1862, 13.0194, 45.5610



1.1307, 1.2129, 3.6094

Previews

White Background



This preview shows how the XYZ color 54.9131, 51.9990, 31.5687 looks on a white background.

Color Contrast Check

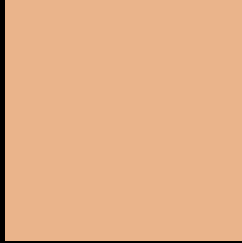
Large Text (above 18pt) WCAG AA × Fail

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 54.9131, 51.9990, 31.5687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

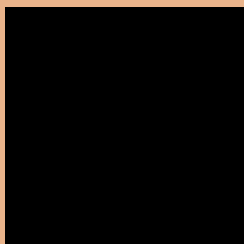
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9131, 51.9990, 31.5687

Background



This preview shows how black text looks on a background with the XYZ color 54.9131, 51.9990, 31.5687.



This preview shows how white text looks on a background with the XYZ color 54.9131, 51.9990,

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

54.9131, 51.9990, 31.5687

Protanopia

48.8417, 52.2544, 33.8974

Deuteranopia

53.1995, 52.0328, 31.2842



Tritanopia

59.7023, 52.2107, 53.9447

Trichromacy



Original Color

54.9131, 51.9990, 31.5687

Protanomaly

50.9717, 52.0926, 32.9596

Deuteranomaly

53.9485, 52.1139, 31.2603

Tritanomaly

57.7061, 51.9575, 45.0176

Monochromacy



Original Color

54.9131, 51.9990, 31.5687

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.9488, 51.7846, 46.3399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9131, 51.9990, 31.5687 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(234, 180, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 180, 139) }
```

Border

The CSS property to change the border of an element to XYZ 54.9131, 51.9990, 31.5687 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, 139) }
```


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

```
.border{ border-color:rgb(234, 180, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 180, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 180, 139);  
box-shadow:4px 4px 4px 4px rgb(234, 180,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9131, 51.9990, 31.5687 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, 139) }
```

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

```
.background{ background-color: rgb(234,  
180, 139) }
```

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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