

Converting Colors

XYZ(52.6464, 54.4263, 31.5927)

Have a look what the booklet for
XYZ(52.6464, 54.4263, 31.5927)
contains.

XYZ(52.4317, 54.1567, 31.7346)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.4317, 54.1567,
31.7346)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBF8A
RGB	219, 191, 138
RGB Percent	86%, 75%, 54%
CMY	0.1412, 0.2510, 0.4588
CMYK	0.00, 0.13, 0.37, 0.14
HSL	39°, 53%, 70%
HSV	39°, 37%, 86%
XYZ	52.4317, 54.1567, 31.7346
YIQ	193.3300, 33.7010, -10.5470

Conversions

Conversions Part 2

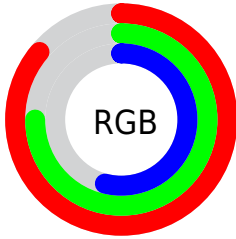
Format	Color
R_{YB}	181, 219, 138
Decimal	14401418
CIE Lab	78.55, 2.51, 30.42
CIE LCh	79, 30.523, 85.281
Yxy	54.1567, 0.3791, 0.3915
Android (android.graphics.Color)	4292591498 (0xFFDDBBF8A)
YUV	193.3300, -27.2777, 22.5126
Hunter-Lab	73.5912, -1.6084, 25.9464

Details

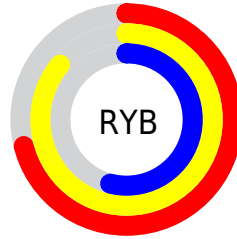
The XYZ color **52.4317, 54.1567, 31.7346** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.9033, 37.7890, 72.3669**, and the grayscale version is **51.0256, 53.6829, 58.4607**.

A 20% lighter version of the original color is **84.0152, 91.5873, 63.1192**, and **25.9130, 26.6516, 12.7953** is the 20% darker color. If you saturate the color by 10%, you get **49.3955, 50.3708, 23.6732**, and if you desaturate by 10%, it is **55.8757, 58.2461, 41.5104**.

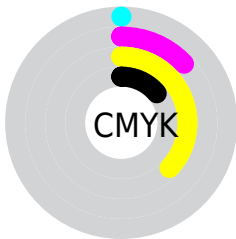
Distribution



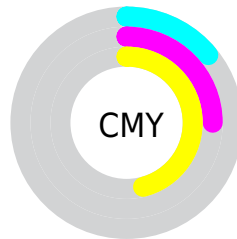
- Red (86%)
- Green (75%)
- Blue (54%)



- Red (71%)
- Yellow (86%)
- Blue (54%)



- Cyan (0%)
- Magenta (13%)
- Yellow (37%)
- Black (14%)



- Cyan (14%)
- Magenta (25%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4317, 54.1567, 31.7346 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 52.4317, 54.1567, 31.7346 by changing the saturation by 10% instead.

■ 52.4317, 54.1567,
31.7346

■ 52.4317, 54.1567,
31.7346

386.3976,
402.7073, 324.3639

■ 37.5749, 38.7270,
20.8957

■ 92.9381, 96.3043,
63.4879

■ 25.8287, 26.5474,
12.8573

■ 119.3184,
123.7909, 85.2393

■ 16.8275, 17.2336,
7.2008

■ 150.2706,
156.0653, 111.4654

■ 10.2061, 10.4012,
3.5076

186.1601,
193.5118, 142.5846

■ 5.5992, 5.6657,
1.3593

227.3521,
236.5149, 179.0156

■ 2.6412, 2.6429,
0.1097

274.2122,

■ 0.9670, 0.9483,

285.4589, 221.1767

0.0000

327.1056,
340.7282, 269.4866

■ 0.0000, 0.0000,
0.0000

■ 52.4317, 54.1567,
31.7346

■ 52.4317, 54.1567,
31.7346

■ 49.3955, 50.3708,
23.6732

■ 55.8757, 58.2461,
41.5104

■ 46.7423, 46.8707,
17.2206

■ 59.7424, 62.6411,
53.0909

■ 44.4508, 43.6476,
12.2647


■ 64.0507, 67.3533,
66.5641


■ 42.4955, 40.6892,
8.6773


■ 68.8172, 72.3910,
82.0112


■ 40.8466, 37.9814,
6.3087


■ 74.0575, 77.7626,
99.5087


 39.4657, 35.5066,
4.9630

 77.3799, 82.5130,
106.4560

 39.0825, 34.7982,
4.6569

 79.6107, 86.9747,
107.1996

 81.9351, 91.6234,
107.9744

 83.0234, 93.8001,
108.3372

Harmonies

Analogous

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



58.3462, 54.1567, 35.7180



52.4317, 54.1567, 31.7346



46.6917, 54.1567, 33.8024

Triad

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



52.4317, 54.1567, 31.7346



41.7091, 54.1567, 74.2731



61.5774, 54.1567, 79.9151

Complementary

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



52.4317, 54.1567, 31.7346



36.9033, 37.7890, 72.3669

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.



56.5728, 54.1567, 94.2731



52.4317, 54.1567, 31.7346



45.1644, 54.1567, 90.5962

Square

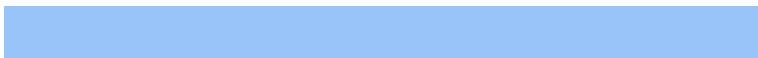
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.4317, 54.1567, 31.7346



40.7874, 54.1567, 56.2842



50.5287, 54.1567, 98.5189



63.8818, 54.1567, 61.7347

Rectangle

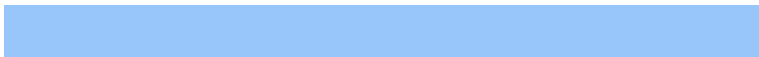
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.4317, 54.1567, 31.7346



43.6862, 54.1567, 38.5976



50.5287, 54.1567, 98.5189



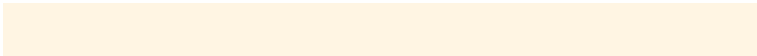
60.1370, 54.1567, 85.4779

Sweetspot

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



52.4331, 54.1592, 31.7357



87.8431, 92.2931, 85.8214



45.2174, 36.0036, 40.8117



18.6237, 19.5596, 17.8111



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.



52.4331, 54.1592, 31.7357



70.7955, 72.4626, 36.1626



55.6094, 65.7419, 33.8040



13.7637, 14.4667, 13.7925



23.2799, 20.8453, 2.7966



1.5874, 1.5089, 0.2076

Inverse Universe

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



36.9033, 37.7890, 72.3669



45.9848, 46.3252, 101.1257



34.4805, 29.7904, 70.9507



12.7048, 13.3494, 16.5592



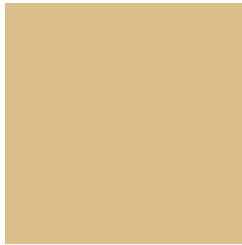
9.1938, 6.2570, 40.4616



0.6745, 0.5630, 2.6476

Previews

White Background



This preview shows how the XYZ color 52.4317, 54.1567, 31.7346 looks on a white background.

Color Contrast Check

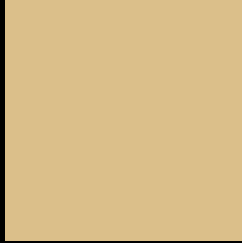
Large Text (above 18pt) WCAG AA × Fail

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 52.4317, 54.1567, 31.7346 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 52.4317, 54.1567, 31.7346

Background



This preview shows how black text looks on a background with the XYZ color 52.4317, 54.1567, 31.7346.



This preview shows how white text looks on a background with the XYZ color 52.4317, 54.1567,

31.7346.

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

52.4317, 54.1567, 31.7346

Protanopia

50.2465, 54.0030, 32.2014

Deuteranopia

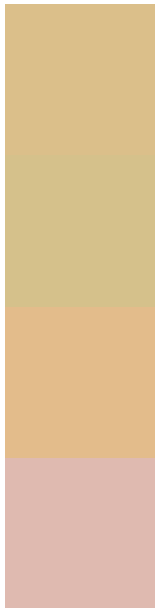
55.1741, 53.9708, 31.9355



Tritanopia

58.1779, 53.9517, 60.7735

Trichromacy



Original Color

52.4317, 54.1567, 31.7346

Protanomaly

51.1707, 54.1501, 32.1811

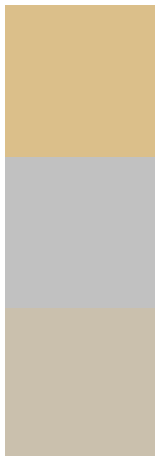
Deuteranomaly

54.3220, 54.1614, 32.0172

Tritanomaly

55.8268, 53.9404, 48.5434

Monochromacy



Original Color

52.4317, 54.1567, 31.7346

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.7496, 53.2730, 47.1431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4317, 54.1567, 31.7346 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(219, 191, 138)` looks like.

```
.text, #text, p{  
    color:rgb(219, 191, 138)  
}
```

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(219, 191, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 191, 138) }
```

Border

The CSS property to change the border of an element to XYZ 52.4317, 54.1567, 31.7346 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(219, 191, 138) }
```


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

```
.border{ border-color:rgb(219, 191, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 191, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 191, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 191, 138);  
box-shadow:4px 4px 4px 4px rgb(219, 191,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4317, 54.1567, 31.7346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 191, 138) }
```

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

```
.background{ background-color: rgb(219,  
191, 138) }
```

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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