

Converting Colors

XYZ(53.8288, 54.6943, 29.3433)

Have a look what the booklet for
XYZ(53.8288, 54.6943, 29.3433)
contains.

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Color

**XYZ(53.8742, 54.6344,
29.1787)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BE83
RGB	226, 190, 131
RGB Percent	89%, 75%, 51%
CMY	0.1137, 0.2549, 0.4863
CMYK	0.00, 0.16, 0.42, 0.11
HSL	37°, 62%, 70%
HSV	37°, 42%, 89%
XYZ	53.8742, 54.6344, 29.1787
YIQ	194.0380, 40.3950, -10.7170

Conversions

Conversions Part 2

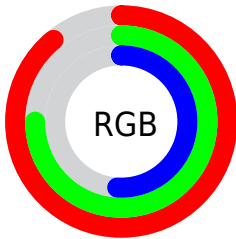
Format	Color
RYB	189, 226, 131
Decimal	14859907
CIELab	78.83, 5.04, 34.56
CIElCh	79, 34.923, 81.697
Yxy	54.6344, 0.3913, 0.3968
Android (android.graphics.Color)	4293049987 (0xFFE2BE83)
YUV	194.0380, -31.0777, 28.0307
Hunter-Lab	73.9151, 0.7512, 28.3353

Details

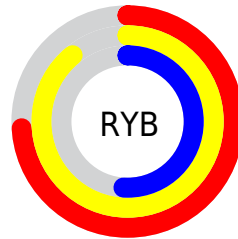
The XYZ color **53.8742, 54.6344, 29.1787** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.9057, 37.9522, 77.3317**, and the grayscale version is **51.4633, 54.1434, 58.9621**.

A 20% lighter version of the original color is **82.9527, 90.6743, 59.0288**, and **26.7930, 26.9204, 11.5686** is the 20% darker color. If you saturate the color by 10%, you get **50.7063, 50.4882, 21.3724**, and if you desaturate by 10%, it is **57.4879, 59.1373, 38.7829**.

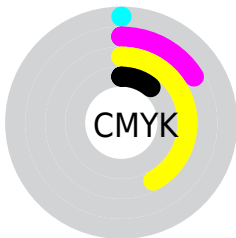
Distribution



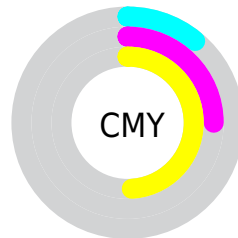
- Red (89%)
- Green (75%)
- Blue (51%)



- Red (74%)
- Yellow (89%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (42%)
- Black (11%)





- Cyan (11%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8742, 54.6344, 29.1787 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 53.8742, 54.6344, 29.1787 by changing the saturation by 10% instead.


 53.8742, 54.6344,
29.1787


 53.8742, 54.6344,
29.1787


391.8363,
404.5246, 312.1445


 38.7314, 39.1091,
18.9693


 95.0475, 97.0051,
59.4065

 26.7306, 26.8446,
11.4715


 121.8087,
124.6193, 80.2619

 17.5065, 17.4565,
6.2668


 153.1733,
157.0318, 105.5031

 10.6938, 10.5605,
2.9366

189.5068,
194.6272, 135.5486

 5.9271, 5.7722,
1.0623

231.1745,
237.7898, 170.8169

 2.8411, 2.7070,
0.0000

278.5417,

 1.0703, 0.9808,

286.9039, 211.7267

0.0000

331.9739,
342.3541, 258.6963

■ 0.0000, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.8742, 54.6344,
29.1787

■ 53.8742, 54.6344,
29.1787

■ 50.7063, 50.4882,
21.3724

■ 57.4879, 59.1373,
38.7829

■ 47.9563, 46.6786,
15.2446


■ 61.5652, 64.0008,
50.2876


■ 45.5991, 43.1945,
10.6663


■ 66.1274, 69.2384,
63.7913


■ 43.6046, 40.0206,
7.4881


■ 71.1936, 74.8605,
79.3848


 41.9367, 37.1395,
5.5307

 76.7814, 80.8767,
97.1532

 40.7963, 35.0334,
4.6119

 80.9828, 86.5265,
107.0408

 83.5828, 91.7265,
107.9074

 85.1739, 94.9087,
108.4378

Harmonies

Analogous

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



60.6228, 54.6344, 34.3078



53.8742, 54.6344, 29.1787



47.1614, 54.6344, 30.6335

Triad

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



53.8742, 54.6344, 29.1787



40.5171, 54.6344, 74.7224



63.0894, 54.6344, 86.3804

Complementary

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



53.8742, 54.6344, 29.1787



36.9057, 37.9522, 77.3317

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.



57.0062, 54.6344, 102.4002



53.8742, 54.6344, 29.1787



44.1077, 54.6344, 94.6956

Square

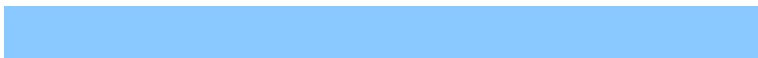
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.8742, 54.6344, 29.1787



39.8399, 54.6344, 54.1511



50.0299, 54.6344, 105.7411



66.2438, 54.6344, 65.1637

Rectangle

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



53.8742, 54.6344, 29.1787



43.5682, 54.6344, 35.3232



50.0299, 54.6344, 105.7411



61.2949, 54.6344, 92.7306

Sweetspot

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



53.8756, 54.6370, 29.1798



86.2879, 90.2923, 81.8822



46.4942, 35.2073, 41.1072



18.1751, 18.9920, 16.6454



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.



53.8756, 54.6370, 29.1798



67.3416, 67.2817, 29.6873



59.2930, 70.4658, 31.9495



14.4127, 15.1114, 14.4639



23.3922, 20.2223, 2.6704



1.7069, 1.5726, 0.2136

Inverse Universe

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



36.9057, 37.9522, 77.3317



42.3648, 42.7461, 100.6257



33.0139, 27.4823, 75.5159



13.3755, 14.0902, 17.4024



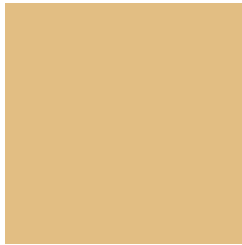
9.8189, 7.1073, 41.9027



0.7650, 0.6614, 2.9326

Previews

White Background



This preview shows how the XYZ color 53.8742, 54.6344, 29.1787 looks on a white background.

Color Contrast Check

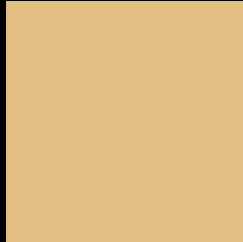
Large Text (above 18pt) WCAG AA × Fail

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 53.8742, 54.6344, 29.1787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

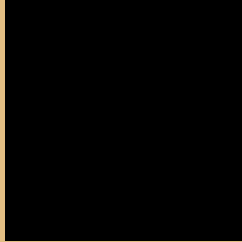
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8742, 54.6344, 29.1787

Background



This preview shows how black text looks on a background with the XYZ color 53.8742, 54.6344, 29.1787.



This preview shows how white text looks on a background with the XYZ color 53.8742, 54.6344,

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

53.8742, 54.6344, 29.1787

Protanopia

50.6127, 54.5726, 30.0563

Deuteranopia

55.8669, 54.6990, 29.4433



Tritanopia

60.2960, 54.7651, 59.6173

Trichromacy



Original Color

53.8742, 54.6344, 29.1787

Protanomaly

51.5537, 54.4048, 29.6138

Deuteranomaly

55.1031, 54.6213, 29.4685

Tritanomaly

57.4285, 54.4995, 46.5224

Monochromacy



Original Color

53.8742, 54.6344, 29.1787

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.8742, 54.2020, 46.2560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8742, 54.6344, 29.1787 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(226, 190, 131)` looks like.

```
.text, #text, p{  
    color:rgb(226, 190, 131)  
}
```

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(226, 190, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 190, 131) }
```

Border

The CSS property to change the border of an element to XYZ 53.8742, 54.6344, 29.1787 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(226, 190, 131) }
```


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

```
.border{ border-color:rgb(226, 190, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 190, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 190, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 190, 131);  
box-shadow:4px 4px 4px 4px rgb(226, 190,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8742, 54.6344, 29.1787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 190, 131) }
```

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

```
.background{ background-color: rgb(226,  
190, 131) }
```

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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