

Converting Colors

XYZ(54.3512, 53.2837, 29.9950)

Have a look what the booklet for
XYZ(54.3512, 53.2837, 29.9950)
contains.

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Color

**XYZ(54.2852, 53.2421,
29.9699)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B986
RGB	230, 185, 134
RGB Percent	90%, 73%, 53%
CMY	0.0980, 0.2745, 0.4745
CMYK	0.00, 0.20, 0.42, 0.10
HSL	32°, 66%, 71%
HSV	32°, 42%, 90%
XYZ	54.2852, 53.2421, 29.9699
YIQ	192.6410, 43.1910, -6.3210

Conversions

Conversions Part 2

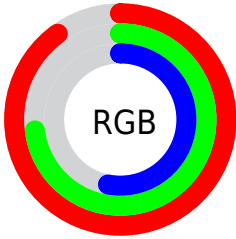
Format	Color
R _Y B	219, 230, 134
Decimal	15120774
CIE Lab	78.02, 9.59, 32.00
CIE LCh	78, 33.409, 73.310
Yxy	53.2421, 0.3948, 0.3872
Android (android.graphics.Color)	4293310854 (0xFFE6B986)
YUV	192.6410, -28.9100, 32.7638
Hunter-Lab	72.9672, 5.1056, 26.7248

Details

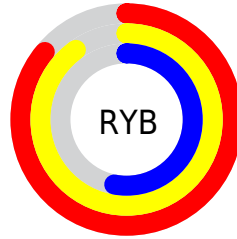
The XYZ color **54.2852, 53.2421, 29.9699** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.2341, 43.0204, 81.0462**, and the grayscale version is **50.6254, 53.2619, 58.0022**.

A 20% lighter version of the original color is **81.7724, 87.8014, 60.2145**, and **27.0851, 26.0269, 11.9837** is the 20% darker color. If you saturate the color by 10%, you get **50.6822, 48.3301, 21.6969**, and if you desaturate by 10%, it is **58.4108, 58.6407, 40.1393**.

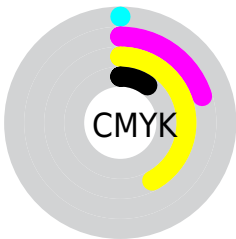
Distribution



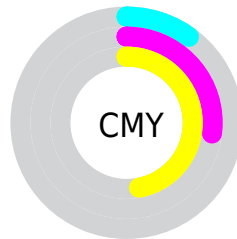
- Red (90%)
- Green (73%)
- Blue (53%)



- Red (86%)
- Yellow (90%)
- Blue (53%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (10%)





- Cyan (10%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2852, 53.2421, 29.9699 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 54.2852, 53.2421, 29.9699 by changing the saturation by 10% instead.


 54.2852, 53.2421,
29.9699


 54.2852, 53.2421,
29.9699


393.3773,
399.2133, 315.9671


 39.0613, 37.9961,
19.5639


 95.6473, 94.9605,
60.6750

 26.9884, 25.9796,
11.8975

 122.5162,
122.2017, 81.8112

 17.7010, 16.8084,
6.5522


 153.9975,
154.2101, 107.3612

 10.8339, 10.0980,
3.1095

190.4566,
191.3700, 137.7435

 6.0217, 5.4640,
1.1508

232.2587,
234.0659, 173.3767

 2.8991, 2.5220,
0.0000

279.7693,

 1.1006, 0.8876,

282.6821, 214.6794

0.0000

333.3537,
337.6031, 262.0700

■ 0.0256, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2852, 53.2421,
29.9699

■ 54.2852, 53.2421,
29.9699

■ 50.6822, 48.3301,
21.6969

■ 58.4108, 58.6407,
40.1393

■ 47.5711, 43.8805,
15.1954


■ 63.0794, 64.5340,
52.3127

■ 44.9239, 39.8778,
10.3307


■ 68.3150, 70.9392,
66.5931

■ 42.7071, 36.3021,
6.9468

■ 74.1390, 77.8703,
83.0758

 40.8812, 33.1309,
4.8564

 80.5714, 85.3408,
101.8500

 39.6172, 30.7910,
3.8552

 84.7714, 92.2195,
107.9399

 86.4432, 95.5630,
108.4972

Harmonies

Analogous

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



60.2693, 53.2421, 36.6969



54.2852, 53.2421, 29.9699



47.7780, 53.2421, 29.6188

Triad

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



54.2852, 53.2421, 29.9699



39.3766, 53.2421, 66.6212



59.6846, 53.2421, 88.1604

Complementary

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



54.2852, 53.2421, 29.9699



40.2341, 43.0204, 81.0462

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.



53.5414, 53.2421, 100.3161



54.2852, 53.2421, 29.9699



42.0334, 53.2421, 86.1981

Square

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



54.2852, 53.2421, 29.9699



39.5384, 53.2421, 48.2748



47.0950, 53.2421, 99.5294



63.5650, 53.2421, 68.8870

Rectangle

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



54.2852, 53.2421, 29.9699



44.0383, 53.2421, 32.8798



47.0950, 53.2421, 99.5294



57.7940, 53.2421, 93.3823

Sweetspot

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



54.2865, 53.2446, 29.9710



85.4068, 88.5301, 81.5885



49.4377, 37.1854, 47.9664



17.9574, 18.5565, 16.5728



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.



54.2865, 53.2446, 29.9710



64.6725, 61.9436, 28.7976



64.7221, 74.8745, 33.5959



15.0078, 15.6295, 15.1302



22.5526, 17.6793, 2.2238



1.7594, 1.4921, 0.1953

Inverse Universe

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



40.2341, 43.0204, 81.0462



44.7024, 47.4213, 101.4049



32.8971, 27.9649, 78.5269



14.1370, 14.9954, 18.2936



11.2304, 9.5229, 43.6294



0.9222, 0.8883, 3.2548

Previews

White Background



This preview shows how the XYZ color 54.2852, 53.2421, 29.9699 looks on a white background.

Color Contrast Check

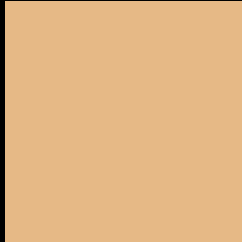
Large Text (above 18pt) WCAG AA × Fail

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 54.2852, 53.2421, 29.9699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

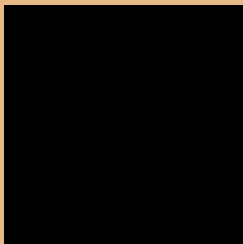
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2852, 53.2421, 29.9699

Background



This preview shows how black text looks on a background with the XYZ color 54.2852, 53.2421, 29.9699.



This preview shows how white text looks on a background with the XYZ color 54.2852, 53.2421,

29.9699.

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

54.2852, 53.2421, 29.9699

Protanopia

49.5977, 53.3560, 31.3516

Deuteranopia

54.2852, 53.2421, 29.9699



Tritanopia

59.9164, 53.4352, 56.4463

Trichromacy



Original Color

54.2852, 53.2421, 29.9699

Protanomaly

51.1763, 53.2034, 30.8646

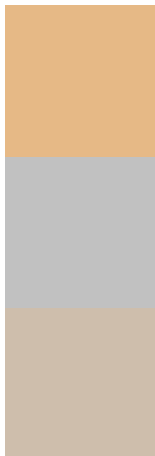
Deuteranomaly

54.2852, 53.2421, 29.9699

Tritanomaly

57.7113, 53.4425, 45.3039

Monochromacy



Original Color

54.2852, 53.2421, 29.9699

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.3134, 52.9273, 46.5412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2852, 53.2421, 29.9699 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(230, 185, 134)` looks like.

```
.text, #text, p{  
    color:rgb(230, 185, 134)  
}
```

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(230, 185, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 185, 134) }
```

Border

The CSS property to change the border of an element to XYZ 54.2852, 53.2421, 29.9699 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(230, 185, 134) }
```


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

```
.border{ border-color:rgb(230, 185, 134) }
```

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

Here you see how a box with a 4 pixel rgb(230, 185, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 185, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 185, 134);  
box-shadow:4px 4px 4px 4px rgb(230, 185,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2852, 53.2421, 29.9699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 185, 134) }
```

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

```
.background{ background-color: rgb(230,  
185, 134) }
```

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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