

Converting Colors

XYZ(51.5355, 44.4107, 29.1488)

Have a look what the booklet for
XYZ(51.5355, 44.4107, 29.1488)
contains.

XYZ(51.4341, 44.4067, 29.1530)	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(51.4341, 44.4067,
29.1530)**

Conversions

Conversions Part 1

Format	Color
Hex	EC9F88
RGB	236, 159, 136
RGB Percent	93%, 62%, 53%
CMY	0.0745, 0.3764, 0.4667
CMYK	0.00, 0.33, 0.42, 0.07
HSL	14°, 72%, 73%
HSV	14°, 42%, 93%
XYZ	51.4341, 44.4067, 29.1530
YIQ	179.4010, 53.2750, 9.1710

Conversions

Conversions Part 2

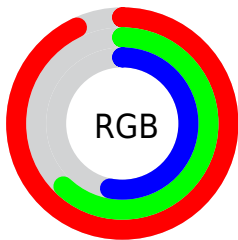
Format	Color
R _Y B	236, 166, 136
Decimal	15507336
CIE Lab	72.50, 25.99, 23.68
CIE LCh	72, 35.157, 42.341
Yxy	44.4067, 0.4115, 0.3553
Android (android.graphics.Color)	4293697416 (0xFFEC9F88)
YUV	179.4010, -21.3967, 49.6373
Hunter-Lab	66.6384, 21.1562, 20.7086

Details

The XYZ color **51.4341, 44.4067, 29.1530** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.0867, 58.8763, 88.1338**, and the grayscale version is **43.1535, 45.4008, 49.4415**.

A 20% lighter version of the original color is **74.4719, 73.0273, 58.3147**, and **25.2975, 20.6523, 11.4571** is the 20% darker color. If you saturate the color by 10%, you get **47.0397, 38.0129, 20.3046**, and if you desaturate by 10%, it is **56.6594, 51.8712, 40.1010**.

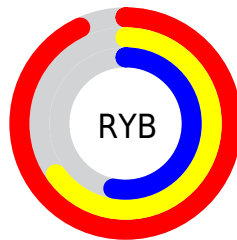
Distribution



Red (93%)

Green (62%)

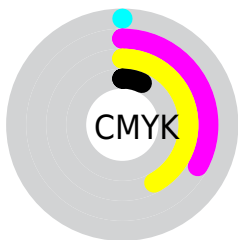
Blue (53%)



Red (93%)

Yellow (65%)

Blue (53%)

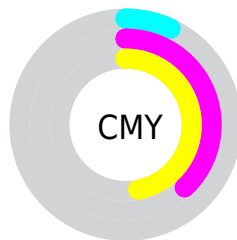


Cyan (0%)

Magenta (33%)

Yellow (42%)

Black (7%)



Cyan (7%)

Magenta (38%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4341, 44.4067, 29.1530 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 51.4341, 44.4067, 29.1530 by changing the saturation by 10% instead.


 51.4341, 44.4067,
29.1530

 51.4341, 44.4067,
29.1530


382.6079,
364.3653, 312.0197


 36.7766, 30.9904,
18.9500


 91.4753, 81.8294,
59.3652

 25.2075, 20.5915,
11.4577


 117.5898,
106.6045, 80.2114

 16.3613, 12.8257,
6.2576


 148.2539,
135.9347, 105.4425

 9.8726, 7.3087,
2.9310

183.8332,
170.2044, 135.4770

 5.3762, 3.6559,
1.0595

224.6928,
209.7978, 170.7335

 2.5066, 1.4830,
0.0000

271.1983,

 0.8986, 0.2767,

255.0996, 211.6303

0.0000

323.7149,
306.4939, 258.5862

0.0000, 0.0000,
0.0000

51.4341, 44.4067,
29.1530

51.4341, 44.4067,
29.1530

47.0397, 38.0129,
20.3046

56.6594, 51.8712,
40.1010

43.4283, 32.6337,
13.4175

62.7533, 60.4463,
53.2695

40.5522, 28.2172,
8.3408

69.7550, 70.1778,
68.7733

38.3565, 24.7045,
4.9001

77.7005, 81.1069,
86.7186

36.7775, 22.0292,
2.8860

86.6236, 93.2728,
107.2048

■ 35.9248, 20.4985,
2.0632

■ 88.4020, 96.5728,
108.5889

Harmonies

Analogous

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



54.6648, 44.4067, 41.5541



51.4341, 44.4067, 29.1530



45.8473, 44.4067, 22.9846

Triad

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



51.4341, 44.4067, 29.1530



32.0351, 44.4067, 38.9048



44.7509, 44.4067, 88.9016

Complementary

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



51.4341, 44.4067, 29.1530



49.0867, 58.8763, 88.1338

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.



38.7652, 44.4067, 87.7025



51.4341, 44.4067, 29.1530



31.8025, 44.4067, 55.8522

Square

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



51.4341, 44.4067, 29.1530



34.8248, 44.4067, 27.6159



34.1556, 44.4067, 74.5368



50.5655, 44.4067, 77.5014

Rectangle

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



51.4341, 44.4067, 29.1530



41.7323, 44.4067, 22.0552



34.1556, 44.4067, 74.5368



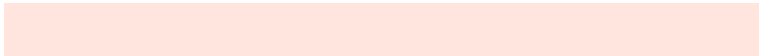
42.6857, 44.4067, 90.0235

Sweetspot

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



51.4352, 44.4089, 29.1539



82.5560, 82.8285, 80.6382



55.5766, 40.3136, 68.6939



17.2575, 17.1569, 16.3396



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.



51.4352, 44.4089, 29.1539



56.6379, 46.1383, 25.3057



61.5107, 64.5599, 32.5124



15.3466, 15.6163, 15.7241



19.8834, 11.4611, 1.1642



1.6327, 1.0426, 0.1152

Inverse Universe

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



49.0867, 58.8763, 88.1338



53.4474, 65.4707, 104.4279



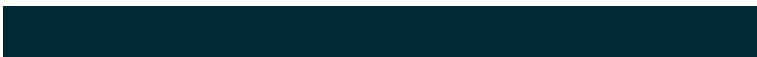
38.6292, 37.9611, 84.6479



15.2068, 16.5001, 19.3056



17.6361, 21.9192, 47.0443



1.4563, 1.8640, 3.7179

Previews

White Background



This preview shows how the XYZ color 51.4341, 44.4067, 29.1530 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 51.4341, 44.4067, 29.1530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

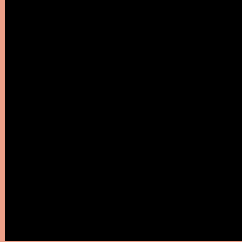
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4341, 44.4067, 29.1530

Background



This preview shows how black text looks on a background with the XYZ color 51.4341, 44.4067, 29.1530.



This preview shows how white text looks on a background with the XYZ color 51.4341, 44.4067,

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

51.4341, 44.4067, 29.1530

Protanopia

42.0175, 44.7039, 33.2022

Deuteranopia

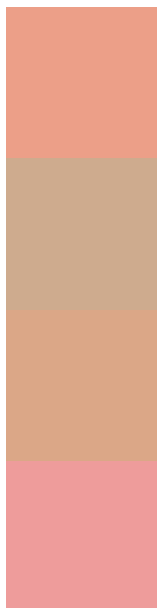
45.4443, 44.5487, 28.7578



Tritanopia

54.2009, 44.5466, 41.8180

Trichromacy



Original Color

51.4341, 44.4067, 29.1530

Protanomaly

44.8990, 44.2006, 31.7563

Deuteranomaly

47.4053, 44.4468, 29.0022

Tritanomaly

53.0648, 44.3206, 36.7683

Monochromacy



Original Color

51.4341, 44.4067, 29.1530

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.1828, 44.4288, 40.8445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4341, 44.4067, 29.1530 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(236, 159, 136)` looks like.

```
.text, #text, p{  
    color:rgb(236, 159, 136)  
}
```

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(236, 159, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 159, 136) }
```

Border

The CSS property to change the border of an element to XYZ 51.4341, 44.4067, 29.1530 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(236, 159, 136) }
```


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

```
.border{ border-color:rgb(236, 159, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 159, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 159, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 159, 136);  
box-shadow:4px 4px 4px 4px rgb(236, 159,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4341, 44.4067, 29.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 159, 136) }
```

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

```
.background{ background-color: rgb(236,  
159, 136) }
```

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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