

Converting Colors

XYZ(51.1089, 43.4496, 28.0993)

Have a look what the booklet for
XYZ(51.1089, 43.4496, 28.0993)
contains.

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Color

**XYZ(51.1166, 43.5027,
28.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	ED9C86
RGB	237, 156, 134
RGB Percent	93%, 61%, 53%
CMY	0.0706, 0.3882, 0.4745
CMYK	0.00, 0.34, 0.43, 0.07
HSL	13°, 74%, 73%
HSV	13°, 43%, 93%
XYZ	51.1166, 43.5027, 28.2570
YIQ	177.7110, 55.3380, 10.3300

Conversions

Conversions Part 2

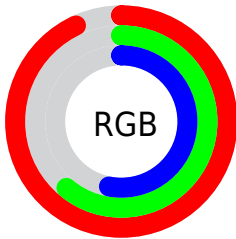
Format	Color
R_{YB}	237, 162, 134
Decimal	15572102
CIE _{Lab}	71.89, 27.75, 23.97
CIE _{LCh}	72, 36.672, 40.819
Yxy	43.5027, 0.4160, 0.3540
Android (android.graphics.Color)	4293762182 (0xFFED9C86)
YUV	177.7110, -21.5495, 51.9965
Hunter-Lab	65.9566, 22.9142, 20.7687

Details

The XYZ color **51.1166, 43.5027, 28.2570** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.4169, 59.7811, 89.0550**, and the grayscale version is **42.2550, 44.4555, 48.4121**.

A 20% lighter version of the original color is **73.5039, 71.4364, 56.9282**, and **24.9106, 20.0057, 10.9361** is the 20% darker color. If you saturate the color by 10%, you get **46.7542, 37.1335, 19.5413**, and if you desaturate by 10%, it is **56.3314, 50.9840, 39.0850**.

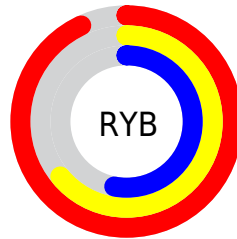
Distribution



Red (93%)

Green (61%)

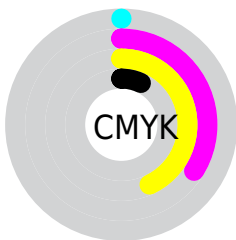
Blue (53%)



Red (93%)

Yellow (64%)

Blue (53%)

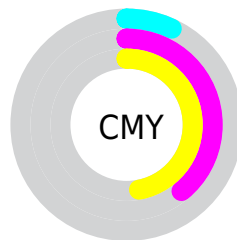


Cyan (0%)

Magenta (34%)

Yellow (43%)

Black (7%)



Cyan (7%)


Magenta (39%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1166, 43.5027, 28.2570 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 51.1166, 43.5027, 28.2570 by changing the saturation by 10% instead.


 51.1166, 43.5027,
28.2570

 51.1166, 43.5027,
28.2570


381.3968,
360.6751, 307.6434


 36.5228, 30.2797,
18.2788


 91.0091, 80.4689,
57.9225

 25.0102, 20.0510,
10.9788


 117.0385,
104.9809, 78.4469

 16.2135, 12.4321,
5.9386


 147.6105,
134.0248, 103.3237

 9.7671, 7.0387,
2.7396

183.0904,
167.9848, 132.9715

 5.3059, 3.4863,
0.9633

223.8437,
207.2455, 167.8088

 2.4644, 1.3906,
0.0000

270.2356,

 0.8774, 0.2098,

252.1912, 208.2542

0.0000

322.6315,
303.2062, 254.7262

■ 0.0000, 0.0000,
0.0000

■ 51.1166, 43.5027,
28.2570

■ 51.1166, 43.5027,
28.2570

■ 46.7542, 37.1335,
19.5413

■ 56.3314, 50.9840,
39.0850

■ 43.1942, 31.8163,
12.7963

■ 62.4386, 59.6209,
52.1494

■ 40.3859, 27.4951,
7.8667


■ 69.4792, 69.4623,
67.5674


■ 38.2713, 24.1058,
4.5728

■ 77.4910, 80.5524,
85.4473

■ 36.7826, 21.5759,
2.6968

■ 86.5095, 92.9332,
105.8909

 36.0929, 20.3403,
2.0238

 88.7350, 96.7445,
108.6045

Harmonies

Analogous

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



54.2986, 43.5027, 41.2009



51.1166, 43.5027, 28.2570



45.4197, 43.5027, 21.7462

Triad

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



51.1166, 43.5027, 28.2570



31.0126, 43.5027, 36.9435



43.6431, 43.5027, 89.8077

Complementary

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



51.1166, 43.5027, 28.2570



49.4169, 59.7811, 89.0550

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.



37.5272, 43.5027, 87.8345



51.1166, 43.5027, 28.2570



30.6401, 43.5027, 54.1197

Square

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



51.1166, 43.5027, 28.2570



33.9854, 43.5027, 25.8183



32.9107, 43.5027, 73.5886



49.7039, 43.5027, 78.4474

Rectangle

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



51.1166, 43.5027, 28.2570



41.1766, 43.5027, 20.6318



32.9107, 43.5027, 73.5886



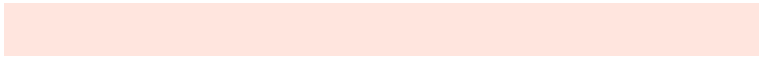
41.5199, 43.5027, 90.7420

Sweetspot

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



51.1177, 43.5048, 28.2578



82.4053, 82.5271, 80.5880



55.8968, 40.0337, 70.0185



17.2207, 17.0833, 16.3273



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.



51.1177, 43.5048, 28.2578



55.8008, 44.7212, 24.2336



61.3236, 63.9167, 31.6598



15.3263, 15.5756, 15.7173



19.7828, 11.2599, 1.1307



1.6221, 1.0215, 0.1117

Inverse Universe

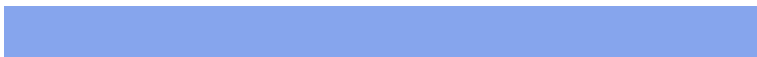
The Inverse Universe completely reimagines the original color for something new.



49.4169, 59.7811, 89.0550



53.5119, 66.1451, 104.5546



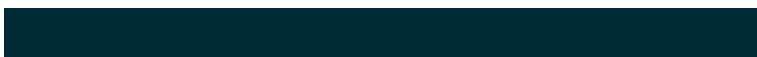
38.5550, 38.0574, 85.4344



15.2287, 16.5438, 19.3129



18.0737, 22.7945, 47.1901



1.4872, 1.9258, 3.7282

Previews

White Background



This preview shows how the XYZ color 51.1166, 43.5027, 28.2570 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 51.1166, 43.5027, 28.2570 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 51.1166, 43.5027, 28.2570

Background



This preview shows how black text looks on a background with the XYZ color 51.1166, 43.5027, 28.2570.



This preview shows how white text looks on a background with the XYZ color 51.1166, 43.5027,

28.2570.

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

51.1166, 43.5027, 28.2570

Protanopia

40.9768, 43.5986, 32.2423

Deuteranopia

44.3652, 43.4518, 27.8785



Tritanopia

53.7743, 43.6261, 40.2368

Trichromacy



Original Color

51.1166, 43.5027, 28.2570

Protanomaly

44.0984, 43.2485, 30.8345

Deuteranomaly

46.7225, 43.3044, 28.0864

Tritanomaly

52.6553, 43.4002, 35.3076

Monochromacy



Original Color

51.1166, 43.5027, 28.2570

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.4495, 43.5002, 40.2361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1166, 43.5027, 28.2570 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(237, 156, 134)` looks like.

```
.text, #text, p{  
    color:rgb(237, 156, 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(237, 156, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 156, 134) }
```

Border

The CSS property to change the border of an element to XYZ 51.1166, 43.5027, 28.2570 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(237, 156, 134) }
```


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

```
.border{ border-color:rgb(237, 156, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 156, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 156, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 156, 134);  
box-shadow:4px 4px 4px 4px rgb(237, 156,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1166, 43.5027, 28.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 156, 134) }
```

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

```
.background{ background-color: rgb(237,  
156, 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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