

Converting Colors

XYZ(24.5056, 28.0347, 18.5877)

Have a look what the booklet for
XYZ(24.5056, 28.0347, 18.5877)
contains.

XYZ(24.5056, 28.0347, 18.5877)	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(24.5056, 28.0347,
18.5877)**

Conversions

Conversions Part 1

Format	Color
Hex	8E946D
RGB	142, 148, 109
RGB Percent	56%, 58%, 43%
CMY	0.4431, 0.4196, 0.5725
CMYK	0.04, 0.00, 0.26, 0.42
HSL	69°, 15%, 50%
HSV	69°, 26%, 58%
XYZ	24.5056, 28.0347, 18.5877
YIQ	141.7600, 8.9430, -13.4010

Conversions

Conversions Part 2

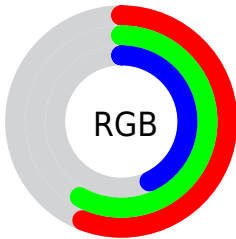
Format	Color
R_{YB}	109, 148, 115
Decimal	9344109
CIE _{Lab}	59.92, -9.01, 19.95
CIE _{LCh}	60, 21.889, 114.303
Yxy	28.0347, 0.3445, 0.3941
Android (android.graphics.Color)	4287534189 (0xFF8E946D)
YUV	141.7600, -16.1507, 0.2105
Hunter-Lab	52.9478, -10.0443, 16.2493

Details

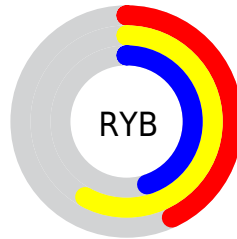
The XYZ color **24.5056, 28.0347, 18.5877** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.8852, 16.7210, 30.3033**, and the grayscale version is **25.6762, 27.0134, 29.4176**.

A 20% lighter version of the original color is **50.3185, 56.5500, 41.9814**, and **9.4314, 11.1105, 6.0623** is the 20% darker color. If you saturate the color by 10%, you get **23.3884, 27.5441, 14.7209**, and if you desaturate by 10%, it is **25.7664, 28.5856, 23.1627**.

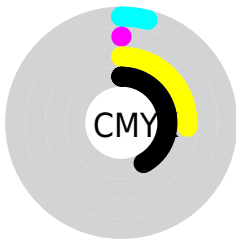
Distribution



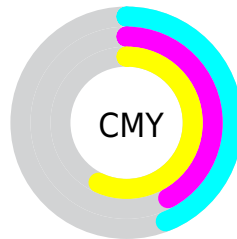
- Red (56%)
- Green (58%)
- Blue (43%)



- Red (43%)
- Yellow (58%)
- Blue (45%)



- Cyan (4%)
- Magenta (0%)
- Yellow (26%)
- Black (42%)



- Cyan (44%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5056, 28.0347, 18.5877 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 24.5056, 28.0347, 18.5877 by changing the saturation by 10% instead.

■ 24.5056, 28.0347,
18.5877

■ 24.5056, 28.0347,
18.5877

267.7600,
292.6327, 256.5095

■ 15.8359, 18.3518,
11.1990

■ 50.3027, 56.5398,
41.8636

■ 9.4982, 11.2029,
6.0850

■ 68.1608, 76.1309,
58.5879

■ 5.1272, 6.2035,
2.8272

■ 89.8124, 99.7934,
79.2610

■ 2.3576, 2.9692,
1.0071

■ 115.6228,
127.9119, 104.3017

■ 0.8239, 1.1157,
0.0000

145.9574,
160.8707, 134.1283

■ 0.0000, 0.0000,
0.0000

181.1816,

199.0541, 169.1594

221.6607,
242.8467, 209.8137

■ 24.5056, 28.0347,
18.5877

■ 24.5056, 28.0347,
18.5877

■ 23.3884, 27.5441,
14.7209

■ 25.7664, 28.5856,
23.1627

■ 22.4060, 27.1073,
11.5252

■ 27.1749, 29.1955,
28.4770

■ 21.5516, 26.7227,
8.9627

■ 28.7378, 29.8682,
34.5621

■ 20.8172, 26.3870,
6.9911

■ 30.4607, 30.6057,
41.4471

■ 20.1938, 26.0966,
5.5629

■ 32.3488, 31.4103,
49.1594

■ 19.6708, 25.8472,
4.6234

■ 34.4071, 32.2840,
57.7254

■ 19.2324, 25.6326,
4.0890

■ 36.6405, 33.2286,
67.1702

■ 19.0807, 25.5578,
3.9275

■ 39.0536, 34.2461,
77.5179

■ 41.6508, 35.3381,
88.7915

Harmonies

Analogous

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



27.1805, 28.0347, 17.6823



24.5056, 28.0347, 18.5877



22.5354, 28.0347, 22.4332

Triad

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



24.5056, 28.0347, 18.5877



23.6464, 28.0347, 44.7263



32.3286, 28.0347, 32.0706

Complementary

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



24.5056, 28.0347, 18.5877



17.8852, 16.7210, 30.3033

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.



31.2286, 28.0347, 40.3606



24.5056, 28.0347, 18.5877



26.1188, 28.0347, 48.4387

Square

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



24.5056, 28.0347, 18.5877



22.0641, 28.0347, 37.2709



28.9078, 28.0347, 46.7163



31.8224, 28.0347, 24.6465

Rectangle

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



24.5056, 28.0347, 18.5877



21.8230, 28.0347, 26.5666



28.9078, 28.0347, 46.7163



32.1322, 28.0347, 34.8584

Sweetspot

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



24.5063, 28.0359, 18.5883



47.4772, 51.3088, 48.4496



21.0876, 19.6281, 17.1456



10.7562, 11.6773, 10.7489



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.5063, 28.0359, 18.5883



41.9694, 48.9083, 28.3649



21.4696, 26.4705, 18.4462



6.1787, 6.6999, 6.2080



16.3155, 21.8388, 3.3554



0.2187, 0.2771, 0.0420

Inverse Universe

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



17.8852, 16.7210, 30.3033



28.1468, 25.2806, 52.8307



20.7022, 18.1732, 30.4351



5.5777, 5.6733, 7.2708



4.8791, 1.9879, 24.0576



0.0755, 0.0325, 0.2952

Previews

White Background



This preview shows how the XYZ color 24.5056, 28.0347, 18.5877 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5056, 28.0347, 18.5877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

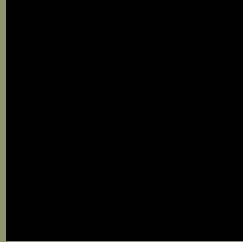
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5056, 28.0347, 18.5877

Background



This preview shows how black text looks on a background with the XYZ color 24.5056, 28.0347, 18.5877.



This preview shows how white text looks on a background with the XYZ color 24.5056, 28.0347,

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

24.5056, 28.0347, 18.5877

Protanopia

26.1447, 27.9766, 17.9320

Deuteranopia

28.3199, 27.7597, 18.9045



Tritanopia

27.6355, 27.9418, 34.0738

Trichromacy



Original Color

24.5056, 28.0347, 18.5877

Protanomaly

25.4098, 27.8175, 18.2174

Deuteranomaly

26.7855, 27.8427, 18.7143

Tritanomaly

26.3427, 27.8637, 27.6567

Monochromacy



Original Color

24.5056, 28.0347, 18.5877

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.1579, 27.3090, 25.0643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5056, 28.0347, 18.5877 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(142, 148, 109)` looks like.

```
.text, #text, p{  
    color:rgb(142, 148, 109)  
}
```

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(142, 148, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 148, 109) }
```

Border

The CSS property to change the border of an element to XYZ 24.5056, 28.0347, 18.5877 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(142, 148, 109) }
```


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

```
.border{ border-color:rgb(142, 148, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 148, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 148, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 148, 109);  
box-shadow:4px 4px 4px 4px rgb(142, 148,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5056, 28.0347, 18.5877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 148, 109) }
```

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

```
.background{ background-color: rgb(142,  
148, 109) }
```

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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