

Converting Colors

XYZ(50.9552, 42.9732, 28.5960)

Have a look what the booklet for
XYZ(50.9552, 42.9732, 28.5960)
contains.

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Color

**XYZ(50.8538, 42.8650,
28.5152)**

Conversions

Conversions Part 1

Format	Color
Hex	ED9A87
RGB	237, 154, 135
RGB Percent	93%, 60%, 53%
CMY	0.0706, 0.3961, 0.4706
CMYK	0.00, 0.35, 0.43, 0.07
HSL	11°, 74%, 73%
HSV	11°, 43%, 93%
XYZ	50.8538, 42.8650, 28.5152
YIQ	176.6510, 55.5670, 11.6870

Conversions

Conversions Part 2

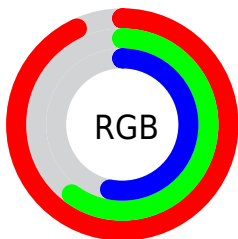
Format	Color
R _Y B	237, 158, 135
Decimal	15571591
CIE Lab	71.46, 28.92, 22.84
CIE LCh	71, 36.848, 38.306
Yxy	42.8650, 0.4160, 0.3507
Android (android.graphics.Color)	4293761671 (0xFFED9A87)
YUV	176.6510, -20.5339, 52.9261
Hunter-Lab	65.4714, 24.0720, 20.0070

Details

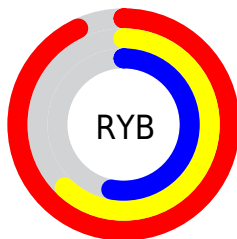
The XYZ color **50.8538, 42.8650, 28.5152** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.3479, 61.4054, 89.3193**, and the grayscale version is **41.6918, 43.8630, 47.7668**.

A 20% lighter version of the original color is **73.1176, 70.4918, 57.3295**, and **24.7512, 19.6236, 11.0775** is the 20% darker color. If you saturate the color by 10%, you get **46.4361, 36.4094, 19.7064**, and if you desaturate by 10%, it is **56.1564, 50.4960, 39.4521**.

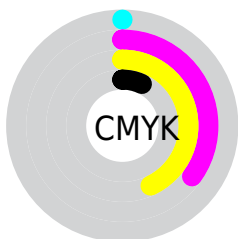
Distribution



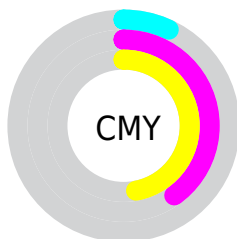
- Red (93%)
- Green (60%)
- Blue (53%)



- Red (93%)
- Yellow (62%)
- Blue (53%)



- Cyan (0%)
- Magenta (35%)
- Yellow (43%)
- Black (7%)





- Cyan (7%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8538, 42.8650, 28.5152 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 50.8538, 42.8650, 28.5152 by changing the saturation by 10% instead.


 50.8538, 42.8650,
28.5152


 50.8538, 42.8650,
28.5152


380.3925,
358.0563, 308.9096


 36.3128, 29.7792,
18.4720


 90.6229, 79.5071,
58.3389

 24.8471, 19.6711,
11.1164


 116.5818,
103.8322, 78.9565

 16.0913, 12.1562,
6.0300


 147.0773,
132.6725, 103.9359

 9.6801, 6.8501,
2.7943

182.4749,
166.4125, 133.6957

 5.2480, 3.3685,
0.9906

223.1398,
205.4364, 168.6544

 2.4297, 1.3270,
0.0000

269.4375,

 0.8600, 0.1620,

250.1288, 209.2306

0.0000

321.7333,
300.8739, 255.8429

■ 0.0000, 0.0000,
0.0000

■ 50.8538, 42.8650,
28.5152

■ 50.8538, 42.8650,
28.5152

■ 46.4361, 36.4094,
19.7064

■ 56.1564, 50.4960,
39.4521

■ 42.8508, 31.0642,
12.8837

■ 62.3860, 59.3506,
52.6415

■ 40.0445, 26.7675,
7.8919

■ 69.5860, 69.4819,
68.2008

■ 37.9562, 23.4487,
4.5510

■ 77.7958, 80.9381,
86.2390

■ 36.5146, 21.0280,
2.6444

■ 87.0529, 93.7649,
106.8580

■ 35.8316, 19.8177,
1.9367

■ 88.7349, 96.7445,
108.6045

Harmonies

Analogous

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



53.7431, 42.8650, 41.9028



50.8538, 42.8650, 28.5152



45.3194, 42.8650, 21.5540

Triad

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



50.8538, 42.8650, 28.5152



30.6193, 42.8650, 35.1334



42.4921, 42.8650, 89.3728

Complementary

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



50.8538, 42.8650, 28.5152



50.3479, 61.4054, 89.3193

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.



36.4835, 42.8650, 86.2268



50.8538, 42.8650, 28.5152



30.0272, 42.8650, 51.7914

Square

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



50.8538, 42.8650, 28.5152



33.7764, 42.8650, 24.6437



32.0680, 42.8650, 71.2545



48.6046, 42.8650, 78.9976

Rectangle

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



50.8538, 42.8650, 28.5152



41.0962, 42.8650, 20.1469



32.0680, 42.8650, 71.2545



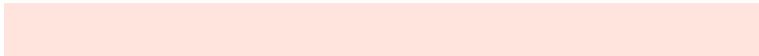
40.3897, 42.8650, 89.9041

Sweetspot

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



50.8549, 42.8671, 28.5160



82.1555, 82.0274, 80.5047



56.2833, 40.4105, 71.3692



17.1598, 16.9615, 16.3070



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.



50.8549, 42.8671, 28.5160



55.2281, 43.5758, 24.0427



61.0579, 63.2731, 31.9170



15.2925, 15.5081, 15.7061



19.6323, 10.9587, 1.0805



1.6056, 0.9885, 0.1062

Inverse Universe

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



50.3479, 61.4054, 89.3193



54.5112, 68.1437, 104.8877



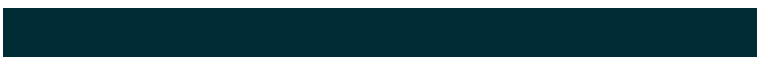
39.1518, 39.0132, 85.5873



15.2652, 16.6169, 19.3251



18.8285, 24.3039, 47.4417



1.5402, 2.0318, 3.7459

Previews

White Background



This preview shows how the XYZ color 50.8538, 42.8650, 28.5152 looks on a white background.

Color Contrast Check

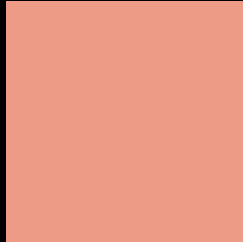
Large Text (above 18pt) WCAG AA × Fail

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 50.8538, 42.8650, 28.5152 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 50.8538, 42.8650, 28.5152

Background



This preview shows how black text looks on a background with the XYZ color 50.8538, 42.8650, 28.5152.



This preview shows how white text looks on a background with the XYZ color 50.8538, 42.8650,

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

50.8538, 42.8650, 28.5152

Protanopia

40.4484, 43.0186, 32.9596

Deuteranopia

43.8996, 42.9366, 27.8036



Tritanopia

52.9360, 42.7366, 39.1772

Trichromacy



Original Color

50.8538, 42.8650, 28.5152

Protanomaly

43.5283, 42.3979, 31.0887

Deuteranomaly

46.2443, 42.7933, 28.0129

Tritanomaly

51.9940, 42.5774, 35.1836

Monochromacy



Original Color

50.8538, 42.8650, 28.5152

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

44.2627, 43.1267, 40.1738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8538, 42.8650, 28.5152 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, 154, 135)` looks like.

```
.text, #text, p{  
  color:rgb(237, 154, 135)  
}
```

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, 154, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 154, 135) }
```

Border

The CSS property to change the border of an element to XYZ 50.8538, 42.8650, 28.5152 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, 154, 135) }
```


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

```
.border{ border-color:rgb(237, 154, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 154, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 154, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 154, 135);  
box-shadow:4px 4px 4px 4px rgb(237, 154,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8538, 42.8650, 28.5152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 154, 135) }
```

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

```
.background{ background-color: rgb(237,  
154, 135) }
```

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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