

Converting Colors

XYZ(52.5584, 44.2045, 28.7579)

Have a look what the booklet for
XYZ(52.5584, 44.2045, 28.7579)
contains.

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Color

**XYZ(52.5373, 44.2270,
28.6893)**

Conversions

Conversions Part 1

Format	Color
Hex	F19C87
RGB	241, 156, 135
RGB Percent	95%, 61%, 53%
CMY	0.0549, 0.3882, 0.4706
CMYK	0.00, 0.35, 0.44, 0.05
HSL	12°, 79%, 74%
HSV	12°, 44%, 95%
XYZ	52.5373, 44.2270, 28.6893
YIQ	179.0210, 57.4010, 11.4890

Conversions

Conversions Part 2

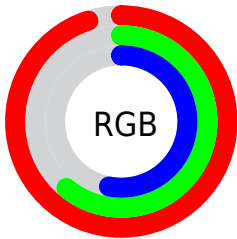
Format	Color
RYB	241, 161, 135
Decimal	15834247
CIELab	72.38, 29.39, 24.16
CIElCh	72, 38.050, 39.419
Yxy	44.2270, 0.4188, 0.3525
Android (android.graphics.Color)	4294024327 (0xFFFF19C87)
YUV	179.0210, -21.7024, 54.3556
Hunter-Lab	66.5034, 24.6331, 20.9749

Details

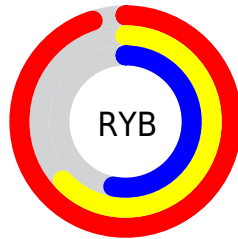
The XYZ color **52.5373, 44.2270, 28.6893** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.4608, 62.6854, 92.6062**, and the grayscale version is **42.9506, 45.1874, 49.2090**.

A 20% lighter version of the original color is **73.6114, 71.4794, 57.4941**, and **25.8814, 20.5016, 11.1874** is the 20% darker color. If you saturate the color by 10%, you get **48.0400, 37.6474, 19.7451**, and if you desaturate by 10%, it is **57.9368, 51.9963, 39.8297**.

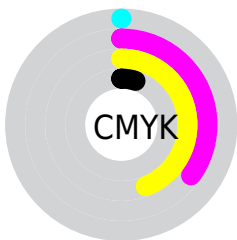
Distribution



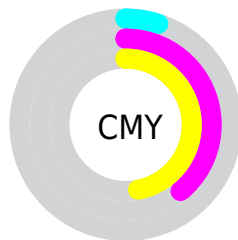
- Red (95%)
- Green (61%)
- Blue (53%)



- Red (95%)
- Yellow (63%)
- Blue (53%)



- Cyan (0%)
- Magenta (35%)
- Yellow (44%)
- Black (5%)





- Cyan (5%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5373, 44.2270, 28.6893 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 52.5373, 44.2270, 28.6893 by changing the saturation by 10% instead.


 52.5373, 44.2270,
28.6893


 52.5373, 44.2270,
28.6893


386.7974,
363.6338, 309.7611


 37.6595, 30.8490,
18.6024

 93.0927, 81.5592,
58.6194

 25.8946, 20.4839,
11.2094


 119.5010,
106.2822, 79.2996

 16.8770, 12.7473,
6.0919

 150.4836,
135.5557, 104.3479

 10.2416, 7.2548,
2.8314

186.4058,
169.7640, 134.1830

 5.6229, 3.6219,
1.0092

227.6329,
209.2916, 169.2233

 2.6557, 1.4644,
0.0000

274.5303,

 0.9744, 0.2635,

254.5228, 209.8874

0.0000

327.4633,
305.8421, 256.5938

■ 0.0000, 0.0000,
0.0000

■ 52.5373, 44.2270,
28.6893

■ 52.5373, 44.2270,
28.6893

■ 48.0400, 37.6474,
19.7451

■ 57.9368, 51.9963,
39.8297

■ 44.3909, 32.1918,
12.8483

■ 64.2817, 61.0038,
53.2965

■ 41.5353, 27.7980,
7.8354

■ 71.6162, 71.3031,
69.2130

■ 39.4103, 24.3948,
4.5165

■ 79.9810, 82.9427,
87.6929

■ 37.9422, 21.9015,
2.6612

■ 89.3334, 95.9364,
108.4169

■ 37.3227, 20.7949,
2.0467

■ 90.0856, 97.4408,
108.6677

Harmonies

Analogous

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



55.7272, 44.2270, 42.4901



52.5373, 44.2270, 28.6893



46.6216, 44.2270, 21.6636

Triad

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



52.5373, 44.2270, 28.6893



31.3126, 44.2270, 36.5550



44.1317, 44.2270, 93.2298

Complementary

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



52.5373, 44.2270, 28.6893



51.4608, 62.6854, 92.6062

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.



37.7622, 44.2270, 90.4371



52.5373, 44.2270, 28.6893



30.7945, 44.2270, 54.3037

Square

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



52.5373, 44.2270, 28.6893



34.5347, 44.2270, 25.3178



33.0372, 44.2270, 74.8861



50.5527, 44.2270, 81.7452

Rectangle

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



52.5373, 44.2270, 28.6893



42.1643, 44.2270, 20.3408



33.0372, 44.2270, 74.8861



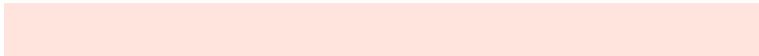
41.9088, 44.2270, 93.9844

Sweetspot

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



52.5384, 44.2292, 28.6902



82.2636, 82.2436, 80.5407



58.0666, 41.2798, 73.7106



17.1862, 17.0142, 16.3158



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.



52.5384, 44.2292, 28.6902



54.9977, 43.3656, 23.1933



63.0669, 65.2861, 32.1996



16.0264, 16.2659, 16.4447



20.3140, 11.4261, 1.1348



1.7575, 1.0857, 0.1169

Inverse Universe

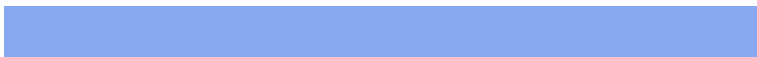
The Inverse Universe completely reimagines the original color for something new.



51.4608, 62.6854, 92.6062



53.5783, 66.8091, 104.6793



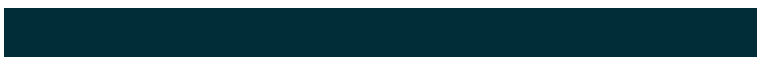
39.9767, 39.7171, 88.7782



15.9658, 17.3657, 20.2320



19.0773, 24.3789, 48.8280



1.6540, 2.1620, 4.0843

Previews

White Background



This preview shows how the XYZ color 52.5373, 44.2270, 28.6893 looks on a white background.

Color Contrast Check

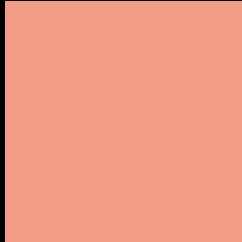
Large Text (above 18pt) WCAG AA × Fail

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 52.5373, 44.2270, 28.6893 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 52.5373, 44.2270, 28.6893

Background



This preview shows how black text looks on a background with the XYZ color 52.5373, 44.2270, 28.6893.



This preview shows how white text looks on a background with the XYZ color 52.5373, 44.2270,

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

52.5373, 44.2270, 28.6893

Protanopia

41.7703, 44.5765, 33.1907

Deuteranopia

45.3061, 44.4934, 28.0300



Tritanopia

54.8012, 44.1555, 40.2849

Trichromacy



Original Color

52.5373, 44.2270, 28.6893

Protanomaly

44.9146, 43.9379, 31.3129

Deuteranomaly

47.6886, 44.3380, 28.2349

Tritanomaly

53.7590, 43.9596, 35.7886

Monochromacy



Original Color

52.5373, 44.2270, 28.6893

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.5309, 44.3267, 40.8065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5373, 44.2270, 28.6893 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(241, 156, 135)` looks like.

```
.text, #text, p{  
    color:rgb(241, 156, 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(241, 156, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 156, 135) }
```

Border

The CSS property to change the border of an element to XYZ 52.5373, 44.2270, 28.6893 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(241, 156, 135) }
```


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

```
.border{ border-color:rgb(241, 156, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 156, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 156, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 156, 135);  
box-shadow:4px 4px 4px 4px rgb(241, 156,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5373, 44.2270, 28.6893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 156, 135) }
```

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

```
.background{ background-color: rgb(241,  
156, 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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