

Converting Colors

XYZ(53.1771, 44.1941, 28.3150)

Have a look what the booklet for
XYZ(53.1771, 44.1941, 28.3150)
contains.

XYZ(53.3326, 44.3970, 28.3128)	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(53.3326, 44.3970,
28.3128)**

Conversions

Conversions Part 1

Format	Color
Hex	F49B86
RGB	244, 155, 134
RGB Percent	96%, 61%, 53%
CMY	0.0431, 0.3921, 0.4745
CMYK	0.00, 0.36, 0.45, 0.04
HSL	11°, 83%, 74%
HSV	11°, 45%, 96%
XYZ	53.3326, 44.3970, 28.3128
YIQ	179.2170, 59.7850, 12.3370

Conversions

Conversions Part 2

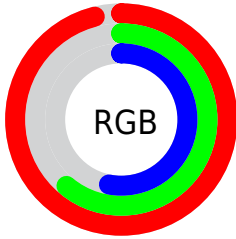
Format	Color
RYB	244, 160, 134
Decimal	16030598
CIELab	72.49, 30.97, 24.92
CIElCh	72, 39.748, 38.824
Yxy	44.3970, 0.4231, 0.3522
Android (android.graphics.Color)	4294220678 (0xFFFF49B86)
YUV	179.2170, -22.2920, 56.8147
Hunter-Lab	66.6311, 26.2699, 21.4483

Details

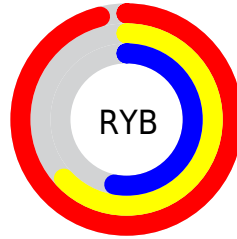
The XYZ color **53.3326, 44.3970, 28.3128** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **52.5469, 64.3724, 95.2432**, and the grayscale version is **43.0574, 45.2997, 49.3314**.

A 20% lighter version of the original color is **73.2562, 70.9410, 56.8457**, and **26.4581, 20.6549, 10.9798** is the 20% darker color. If you saturate the color by 10%, you get **48.8021, 37.7525, 19.3531**, and if you desaturate by 10%, it is **58.7951, 52.2771, 39.5208**.

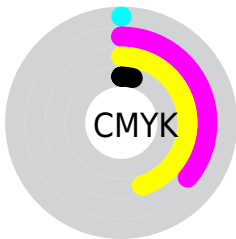
Distribution



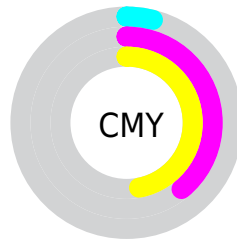
- Red (96%)
- Green (61%)
- Blue (53%)



- Red (96%)
- Yellow (63%)
- Blue (53%)



- Cyan (0%)
- Magenta (36%)
- Yellow (45%)
- Black (4%)





- Cyan (4%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3326, 44.3970, 28.3128 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 53.3326, 44.3970, 28.3128 by changing the saturation by 10% instead.


 53.3326, 44.3970,
28.3128

 53.3326, 44.3970,
28.3128


389.7999,
364.3259, 307.9174


 38.2969, 30.9827,
18.3205


 94.2563, 81.8148,
58.0126

 26.3915, 20.5857,
11.0085


 120.8749,
106.5871, 78.5571

 17.2509, 12.8215,
5.9583

 152.0853,
135.9143, 103.4561

 10.5100, 7.3057,
2.7514

188.2527,
170.1806, 133.1281

 5.8032, 3.6540,
0.9691

229.7425,
209.7705, 167.9918

 2.7653, 1.4820,
0.0000

276.9200,

 1.0309, 0.2760,

255.0685, 208.4655

0.0000

330.1507,
306.4588, 254.9679

0.0000, 0.0000,
0.0000

53.3326, 44.3970,
28.3128

53.3326, 44.3970,
28.3128

48.8021, 37.7525,
19.3531

58.7951, 52.2771,
39.5208

45.1466, 32.2738,
12.4863

65.2352, 61.4447,
53.1131

42.3083, 27.8944,
7.5411

72.6996, 71.9566,
69.2179

40.2202, 24.5379,
4.3178

81.2309, 83.8644,
87.9534

38.8034, 22.1175,
2.5718

90.7077, 97.1523,
108.5792

■ 38.3085, 21.2338,
2.0794

■ 91.1181, 97.9730,
108.7160

Harmonies

Analogous

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



56.6223, 44.3970, 42.7739



53.3326, 44.3970, 28.3128



47.1451, 44.3970, 20.9763

Triad

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



53.3326, 44.3970, 28.3128



31.0534, 44.3970, 35.9370



44.2541, 44.3970, 96.1103

Complementary

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



53.3326, 44.3970, 28.3128



52.5469, 64.3724, 95.2432

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.



37.6097, 44.3970, 92.8218



53.3326, 44.3970, 28.3128



30.4584, 44.3970, 54.3709

Square

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



53.3326, 44.3970, 28.3128



34.4561, 44.3970, 24.4764



32.7322, 44.3970, 76.1058



51.0205, 44.3970, 84.1534

Rectangle

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



53.3326, 44.3970, 28.3128



42.4694, 44.3970, 19.5521



32.7322, 44.3970, 76.1058



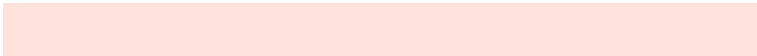
41.9278, 44.3970, 96.8064

Sweetspot

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



53.3337, 44.3992, 28.3136



81.2940, 80.8468, 78.5454



59.2653, 41.6564, 75.3194



16.9915, 16.7316, 15.9220



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.



53.3337, 44.3992, 28.3136



54.3806, 42.3756, 22.2354



64.4527, 66.6371, 32.0200



16.7552, 16.9945, 17.1947



20.9034, 11.6924, 1.1551



1.9049, 1.1631, 0.1241

Inverse Universe

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



52.5469, 64.3724, 95.2432



53.3642, 66.8981, 104.7078



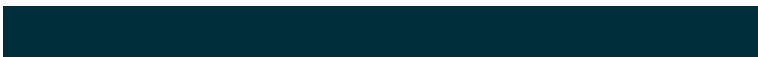
40.3179, 39.9143, 91.1669



16.7120, 18.1884, 21.1725



19.8817, 25.5571, 50.4232



1.8150, 2.3814, 4.4542

Previews

White Background



This preview shows how the XYZ color 53.3326, 44.3970, 28.3128 looks on a white background.

Color Contrast Check

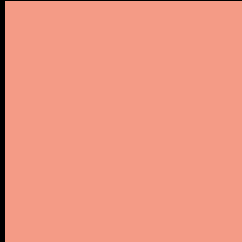
Large Text (above 18pt) WCAG AA × Fail

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 53.3326, 44.3970, 28.3128 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 53.3326, 44.3970, 28.3128

Background



This preview shows how black text looks on a background with the XYZ color 53.3326, 44.3970, 28.3128.



This preview shows how white text looks on a background with the XYZ color 53.3326, 44.3970,

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

53.3326, 44.3970, 28.3128

Protanopia

42.0175, 44.7039, 33.2022

Deuteranopia

45.5236, 44.6134, 27.6846



Tritanopia

55.5942, 44.3347, 39.8097

Trichromacy



Original Color

53.3326, 44.3970, 28.3128

Protanomaly

45.4769, 44.2278, 31.3392

Deuteranomaly

48.0514, 44.2642, 27.8411

Tritanomaly

54.5519, 44.1359, 35.3497

Monochromacy



Original Color

53.3326, 44.3970, 28.3128

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.6142, 44.0903, 40.7565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3326, 44.3970, 28.3128 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(244, 155, 134)` looks like.

```
.text, #text, p{  
    color:rgb(244, 155, 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(244, 155, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 155, 134) }
```

Border

The CSS property to change the border of an element to XYZ 53.3326, 44.3970, 28.3128 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(244, 155, 134) }
```


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

```
.border{ border-color:rgb(244, 155, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 155, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 155, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 155, 134);  
box-shadow:4px 4px 4px 4px rgb(244, 155,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3326, 44.3970, 28.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 155, 134) }
```

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

```
.background{ background-color: rgb(244,  
155, 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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