

Converting Colors

XYZ(52.4614, 41.4979, 25.8828)

Have a look what the booklet for
XYZ(52.4614, 41.4979, 25.8828)
contains.

XYZ(52.2935, 41.3057, 25.9855)	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(52.2935, 41.3057,
25.9855)**

Conversions

Conversions Part 1

Format	Color
Hex	F79081
RGB	247, 144, 129
RGB Percent	97%, 56%, 51%
CMY	0.0314, 0.4353, 0.4941
CMYK	0.00, 0.42, 0.48, 0.03
HSL	8°, 88%, 74%
HSV	8°, 48%, 97%
XYZ	52.2935, 41.3057, 25.9855
YIQ	173.0870, 66.2030, 17.1710

Conversions

Conversions Part 2

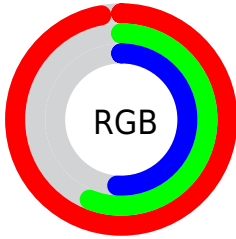
Format	Color
R _Y B	247, 146, 129
Decimal	16224385
CIE Lab	70.39, 37.34, 24.89
CIE LCh	70, 44.874, 33.689
Yxy	41.3057, 0.4373, 0.3454
Android (android.graphics.Color)	4294414465 (0xFFFF9081)
YUV	173.0870, -21.7349, 64.8217
Hunter-Lab	64.2695, 32.7666, 21.0165

Details

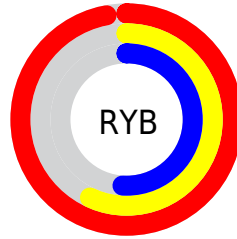
The XYZ color **52.2935, 41.3057, 25.9855** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.6967, 69.0923, 98.4488**, and the grayscale version is **39.8497, 41.9250, 45.6563**.

A 20% lighter version of the original color is **70.1069, 65.4842, 53.2007**, and **25.7686, 18.7983, 9.8597** is the 20% darker color. If you saturate the color by 10%, you get **47.8864, 34.8091, 17.3720**, and if you desaturate by 10%, it is **57.7230, 49.2122, 36.8981**.

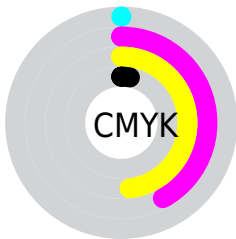
Distribution



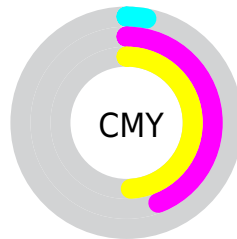
- Red (97%)
- Green (56%)
- Blue (51%)



- Red (97%)
- Yellow (57%)
- Blue (51%)



- Cyan (0%)
- Magenta (42%)
- Yellow (48%)
- Black (3%)





- Cyan (3%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2935, 41.3057, 25.9855 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 52.2935, 41.3057, 25.9855 by changing the saturation by 10% instead.


 52.2935, 41.3057,
25.9855


 52.2935, 41.3057,
25.9855


385.8740,
351.5967, 296.3141


 37.4643, 28.5580,
16.5871


 92.7356, 77.1477,
54.2354

 25.7425, 18.7467,
9.7817


 119.0792,
101.0109, 73.9239

 16.7628, 11.4874,
5.1508


 149.9917,
129.3480, 97.8796

 10.1597, 6.3957,
2.2757

185.8383,
162.5435, 126.5210

 5.5681, 3.0871,
0.7176

226.9845,
200.9817, 160.2666

 2.6224, 1.1774,
0.0000

273.7956,

 0.9574, 0.0431,

245.0470, 199.5349

0.0000

326.6370,
295.1239, 244.7446

■ 0.0000, 0.0000,
0.0000

■ 52.2935, 41.3057,
25.9855

■ 52.2935, 41.3057,
25.9855

■ 47.8864, 34.8091,
17.3720

■ 57.7230, 49.2122,
36.8981

■ 44.4339, 29.6333,
10.8903

■ 64.2307, 58.5982,
50.2562

■ 41.8648, 25.6888,
6.3539

■ 71.8722, 69.5366,
66.1969

■ 40.0962, 22.8720,
3.5433

■ 80.6980, 82.0932,
84.8464

■ 39.0251, 21.0608,
2.1663

■ 90.7560, 96.3303,
106.3226

■ 38.8585, 20.7757,
1.9620

■ 92.1677, 98.5141,
108.7651

Harmonies

Analogous

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



55.1956, 41.3057, 42.4099



52.2935, 41.3057, 25.9855



45.8931, 41.3057, 17.4916

Triad

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



52.2935, 41.3057, 25.9855



27.8617, 41.3057, 29.2562



40.1801, 41.3057, 98.9579

Complementary

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



52.2935, 41.3057, 25.9855



54.6967, 69.0923, 98.4488

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.



33.2987, 41.3057, 92.1392



52.2935, 41.3057, 25.9855



26.7308, 41.3057, 47.6412

Square

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



52.2935, 41.3057, 25.9855



31.9015, 41.3057, 18.9224



28.5945, 41.3057, 71.5001



47.6707, 41.3057, 87.9846

Rectangle

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



52.2935, 41.3057, 25.9855



40.8408, 41.3057, 15.4629



28.5945, 41.3057, 71.5001



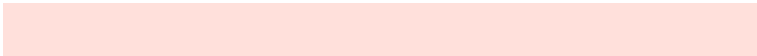
37.7201, 41.3057, 98.6839

Sweetspot

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



52.2945, 41.3078, 25.9863



80.6784, 79.6156, 78.3402



60.9494, 41.3715, 82.0387



16.8436, 16.4357, 15.8727



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.



52.2945, 41.3078, 25.9863



51.7721, 37.8516, 19.2295



63.3861, 63.4909, 29.6835



16.6689, 16.8220, 17.1660



20.6061, 11.0978, 1.0560



1.8639, 1.0811, 0.1104

Inverse Universe

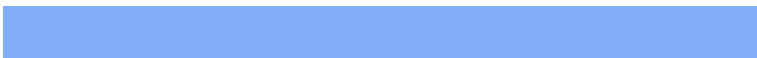
The Inverse Universe completely reimagines the original color for something new.



54.6967, 69.0923, 98.4488



54.5811, 70.8009, 105.3970



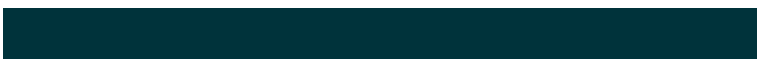
41.0232, 41.7452, 93.8909



16.8064, 18.3771, 21.2039



21.8834, 29.5606, 51.0904



1.9726, 2.6966, 4.5068

Previews

White Background



This preview shows how the XYZ color 52.2935, 41.3057, 25.9855 looks on a white background.

Color Contrast Check

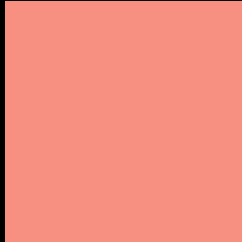
Large Text (above 18pt) WCAG AA × Fail

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 52.2935, 41.3057, 25.9855 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 52.2935, 41.3057, 25.9855

Background



This preview shows how black text looks on a background with the XYZ color 52.2935, 41.3057, 25.9855.



This preview shows how white text looks on a background with the XYZ color 52.2935, 41.3057,

25.9855.

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

52.2935, 41.3057, 25.9855

Protanopia

39.1634, 41.5253, 31.5422

Deuteranopia

42.3336, 41.3701, 25.1560



Tritanopia

54.1777, 41.4239, 34.4183

Trichromacy



Original Color

52.2935, 41.3057, 25.9855

Protanomaly

42.8893, 40.7686, 29.2755

Deuteranomaly

45.3381, 40.8359, 25.2312

Tritanomaly

53.3423, 41.2856, 31.1441

Monochromacy



Original Color

52.2935, 41.3057, 25.9855

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.8256, 40.5543, 37.4689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2935, 41.3057, 25.9855 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(247, 144, 129)` looks like.

```
.text, #text, p{  
    color:rgb(247, 144, 129)  
}
```

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(247, 144, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 144, 129) }
```

Border

The CSS property to change the border of an element to XYZ 52.2935, 41.3057, 25.9855 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(247, 144, 129) }
```


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

```
.border{ border-color:rgb(247, 144, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 144, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 144, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 144, 129);  
box-shadow:4px 4px 4px 4px rgb(247, 144,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2935, 41.3057, 25.9855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 144, 129) }
```

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

```
.background{ background-color: rgb(247,  
144, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor