

Converting Colors

XYZ(54.1545, 42.3733, 24.6946)

Have a look what the booklet for
XYZ(54.1545, 42.3733, 24.6946)
contains.

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Color

**XYZ(54.1829, 42.3098,
24.7129)**

Conversions

Conversions Part 1

Format	Color
Hex	FD907D
RGB	253, 144, 125
RGB Percent	99%, 56%, 49%
CMY	0.0078, 0.4353, 0.5098
CMYK	0.00, 0.43, 0.51, 0.01
HSL	9°, 97%, 74%
HSV	9°, 51%, 99%
XYZ	54.1829, 42.3098, 24.7129
YIQ	174.4250, 71.0630, 17.1990

Conversions

Conversions Part 2

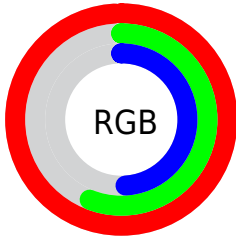
Format	Color
RYB	253, 147, 125
Decimal	16617597
CIELab	71.08, 39.22, 28.15
CIELCh	71, 48.276, 35.666
Yxy	42.3098, 0.4470, 0.3491
Android (android.graphics.Color)	4294807677 (0xFFFD907D)
YUV	174.4250, -24.3665, 68.9103
Hunter-Lab	65.0460, 34.8589, 23.0062

Details

The XYZ color **54.1829, 42.3098, 24.7129** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.6082, 70.2938, 103.5653**, and the grayscale version is **40.5478, 42.6594, 46.4561**.

A 20% lighter version of the original color is **69.6993, 65.3212, 51.0542**, and **26.7838, 19.2104, 9.1338** is the 20% darker color. If you saturate the color by 10%, you get **49.8103, 35.8302, 16.2716**, and if you desaturate by 10%, it is **59.5918, 50.2036, 35.5309**.

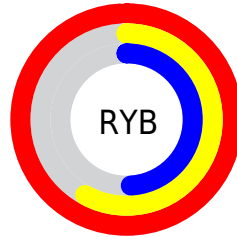
Distribution



Red (99%)

Green (56%)

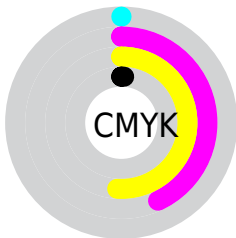
Blue (49%)



Red (99%)

Yellow (58%)

Blue (49%)

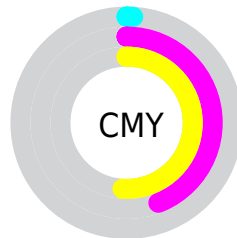


Cyan (0%)

Magenta (43%)

Yellow (51%)

Black (1%)



Cyan (1%)


Magenta (44%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1829, 42.3098, 24.7129 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 54.1829, 42.3098, 24.7129 by changing the saturation by 10% instead.


 54.1829, 42.3098,
24.7129


 54.1829, 42.3098,
24.7129


392.9941,
355.7656, 289.8069


 38.9792, 29.3439,
15.6462


 95.4981, 78.6683,
52.1494

 26.9242, 19.3412,
9.1225


 122.3402,
102.8297, 71.3563

 17.6526, 11.9171,
4.7233


 153.7925,
131.4918, 94.7804

 10.7990, 6.6872,
2.0300

190.2203,
165.0389, 122.8401

 5.9981, 3.2673,
0.5736

231.9890,
203.8554, 155.9541

 2.8846, 1.2728,
0.0000

279.4640,

 1.0930, 0.1200,

248.3258, 194.5409

0.0000

333.0106,
298.8344, 239.0190

■ 0.0193, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1829, 42.3098,
24.7129

■ 54.1829, 42.3098,
24.7129

■ 49.8103, 35.8302,
16.2716

■ 59.5918, 50.2036,
35.5309

■ 46.4034, 30.6744,
10.0247


■ 66.0951, 59.5818,
48.8846


■ 43.8876, 26.7517,
5.7674


■ 73.7503, 70.5180,
64.9216

■ 42.1754, 23.9571,
3.2547

■ 82.6099, 83.0786,
83.7780

 41.1872, 22.2413,
2.1222

 92.7232, 97.3265,
105.5803

 94.3178, 99.6226,
108.8657

Harmonies

Analogous

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



57.7147, 42.3098, 41.8191



54.1829, 42.3098, 24.7129



46.9526, 42.3098, 16.2829

Triad

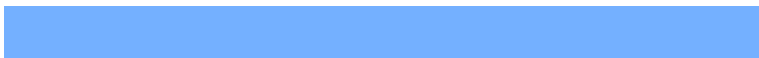
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.1829, 42.3098, 24.7129



27.6687, 42.3098, 30.0764



41.7655, 42.3098, 105.9449

Complementary

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



54.1829, 42.3098, 24.7129



55.6082, 70.2938, 103.5653

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.



34.1535, 42.3098, 99.5767



54.1829, 42.3098, 24.7129



26.6658, 42.3098, 50.5957

Square

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



54.1829, 42.3098, 24.7129



31.8290, 42.3098, 18.5758



28.8798, 42.3098, 77.1376



49.9561, 42.3098, 92.4216

Rectangle

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



54.1829, 42.3098, 24.7129



41.3983, 42.3098, 14.4465



28.8798, 42.3098, 77.1376



39.0529, 42.3098, 106.1017

Sweetspot

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



54.1839, 42.3120, 24.7137



79.9674, 78.7278, 76.4565



62.9722, 41.6023, 84.0170



16.7119, 16.2774, 15.5047



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.



54.1839, 42.3120, 24.7137



50.5406, 36.2233, 16.2455



66.2970, 66.5381, 28.7514



18.2270, 18.4222, 18.7395



21.9735, 11.9583, 1.1501



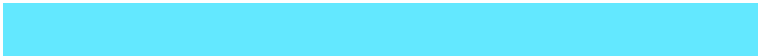
2.2009, 1.2871, 0.1324

Inverse Universe

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



55.6082, 70.2938, 103.5653



52.0742, 67.5567, 104.9029



40.9271, 40.9318, 98.6716



18.3115, 19.9946, 23.1442



22.5024, 29.9145, 54.0227



2.2507, 3.0322, 5.2799

Previews

White Background



This preview shows how the XYZ color 54.1829, 42.3098, 24.7129 looks on a white background.

Color Contrast Check

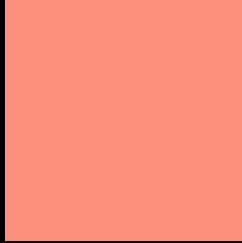
Large Text (above 18pt) WCAG AA × Fail

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 54.1829, 42.3098, 24.7129 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 54.1829, 42.3098, 24.7129

Background



This preview shows how black text looks on a background with the XYZ color 54.1829, 42.3098, 24.7129.



This preview shows how white text looks on a background with the XYZ color 54.1829, 42.3098,

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

54.1829, 42.3098, 24.7129

Protanopia

39.7311, 42.4214, 30.1388

Deuteranopia

43.2823, 42.4278, 23.9973



Tritanopia

56.2040, 42.2505, 34.4710

Trichromacy



Original Color

54.1829, 42.3098, 24.7129

Protanomaly

43.9092, 41.5895, 27.9036

Deuteranomaly

46.6515, 42.0487, 24.0698

Tritanomaly

55.2804, 42.0736, 30.7986

Monochromacy



Original Color

54.1829, 42.3098, 24.7129

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

43.7265, 41.2912, 37.1178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1829, 42.3098, 24.7129 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(253, 144, 125)` looks like.

```
.text, #text, p{  
    color:rgb(253, 144, 125)  
}
```

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(253, 144, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 144, 125) }
```

Border

The CSS property to change the border of an element to XYZ 54.1829, 42.3098, 24.7129 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(253, 144, 125) }
```


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

```
.border{ border-color:rgb(253, 144, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 144, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 144, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 144, 125);  
box-shadow:4px 4px 4px 4px rgb(253, 144,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1829, 42.3098, 24.7129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 144, 125) }
```

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

```
.background{ background-color: rgb(253,  
144, 125) }
```

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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