

Converting Colors

XYZ(54.0521, 42.0280, 24.8056)

Have a look what the booklet for
XYZ(54.0521, 42.0280, 24.8056)
contains.

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Color

**XYZ(54.0321, 42.0082,
24.6626)**

Conversions

Conversions Part 1

Format	Color
Hex	FD8F7D
RGB	253, 143, 125
RGB Percent	99%, 56%, 49%
CMY	0.0078, 0.4392, 0.5098
CMYK	0.00, 0.43, 0.51, 0.01
HSL	8°, 97%, 74%
HSV	8°, 51%, 99%
XYZ	54.0321, 42.0082, 24.6626
YIQ	173.8380, 71.3380, 17.7220

Conversions

Conversions Part 2

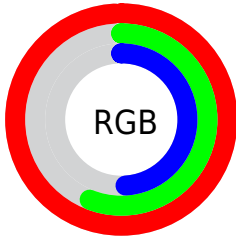
Format	Color
R _Y B	253, 146, 125
Decimal	16617341
CIE Lab	70.88, 39.73, 27.87
CIE LCh	71, 48.532, 35.052
Yxy	42.0082, 0.4476, 0.3480
Android (android.graphics.Color)	4294807421 (0xFFFD8F7D)
YUV	173.8380, -24.0771, 69.4251
Hunter-Lab	64.8137, 35.3829, 22.8089

Details

The XYZ color **54.0321, 42.0082, 24.6626** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.8936, 70.8648, 103.6605**, and the grayscale version is **40.2441, 42.3399, 46.1081**.

A 20% lighter version of the original color is **69.4700, 64.8625, 50.9777**, and **26.6989, 19.0406, 9.1055** is the 20% darker color. If you saturate the color by 10%, you get **49.6634, 35.5365, 16.2226**, and if you desaturate by 10%, it is **59.4469, 49.9138, 35.4826**.

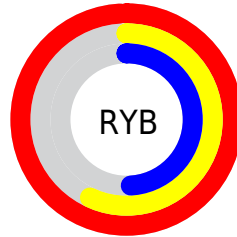
Distribution



Red (99%)

Green (56%)

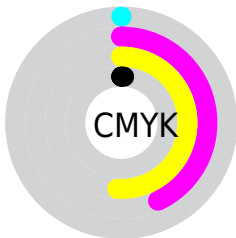
Blue (49%)



Red (99%)

Yellow (57%)

Blue (49%)

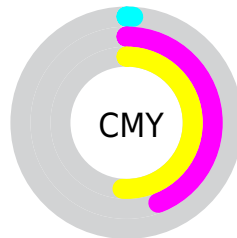


Cyan (0%)

Magenta (43%)

Yellow (51%)

Black (1%)



Cyan (1%)


Magenta (44%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0321, 42.0082, 24.6626 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 54.0321, 42.0082, 24.6626 by changing the saturation by 10% instead.


 54.0321, 42.0082,
24.6626

 54.0321, 42.0082,
24.6626


392.4288,
354.5169, 289.5472

 38.8581, 29.1077,
15.6091

 95.2780, 78.2120,
52.0666

 26.8296, 19.1623,
9.0966


 122.0806,
102.2842, 71.2543

 17.5812, 11.7876,
4.7066


 153.4901,
130.8490, 94.6571

 10.7476, 6.5992,
2.0205

189.8719,
164.2909, 122.6936

 5.9634, 3.2128,
0.5678

231.5913,
202.9942, 155.7823

 2.8633, 1.2438,
0.0000

279.0137,

 1.0819, 0.0970,

247.3434, 194.3418

0.0000

332.5044,
297.7228, 238.7905

■ 0.0099, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0321, 42.0082,
24.6626

■ 54.0321, 42.0082,
24.6626

■ 49.6634, 35.5365,
16.2226

■ 59.4469, 49.9138,
35.4826

■ 46.2692, 30.4060,
9.9799

■ 65.9670, 59.3256,
48.8418

■ 43.7735, 26.5234,
5.7294

■ 73.6508, 70.3189,
64.8884

■ 42.0869, 23.7803,
3.2252

■ 82.5516, 82.9620,
83.7585

■ 41.1264, 22.1197,
2.1019

■ 92.7195, 97.3191,
105.5790

■ 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.



57.4736, 42.0082, 41.9356



54.0321, 42.0082, 24.6626



46.8401, 42.0082, 16.1113

Triad

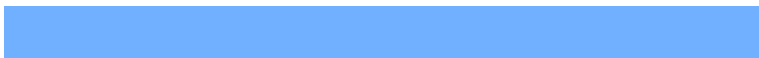
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.0321, 42.0082, 24.6626



27.4413, 42.0082, 29.4327



41.3101, 42.0082, 105.8580

Complementary

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



54.0321, 42.0082, 24.6626



55.8936, 70.8648, 103.6605

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.



33.7309, 42.0082, 99.0528



54.0321, 42.0082, 24.6626



26.3742, 42.0082, 49.7673

Square

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



54.0321, 42.0082, 24.6626



31.6590, 42.0082, 18.1438



28.5196, 42.0082, 76.3197



49.5233, 42.0082, 92.6435

Rectangle

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



54.0321, 42.0082, 24.6626



41.2817, 42.0082, 14.2053



28.5196, 42.0082, 76.3197



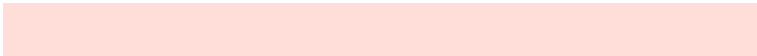
38.6034, 42.0082, 105.8702

Sweetspot

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



54.0331, 42.0104, 24.6634



79.8879, 78.5688, 76.4300



62.9722, 41.6023, 84.0170



16.6930, 16.2397, 15.4984



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.



54.0331, 42.0104, 24.6634



50.3915, 35.9250, 16.1958



66.2970, 66.5380, 28.7513



18.2154, 18.3990, 18.7356



21.9385, 11.8883, 1.1384



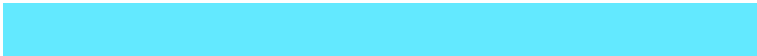
2.1955, 1.2763, 0.1306

Inverse Universe

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



55.8936, 70.8648, 103.6605



52.4173, 68.2428, 105.0172



40.9271, 40.9318, 98.6717



18.3242, 20.0200, 23.1484



22.7690, 30.4475, 54.1115



2.2742, 3.0790, 5.2877

Previews

White Background



This preview shows how the XYZ color 54.0321, 42.0082, 24.6626 looks on a white background.

Color Contrast Check

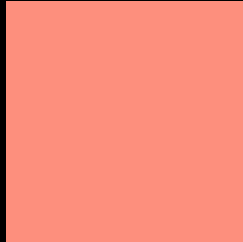
Large Text (above 18pt) WCAG AA × Fail

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 54.0321, 42.0082, 24.6626 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 54.0321, 42.0082, 24.6626

Background



This preview shows how black text looks on a background with the XYZ color 54.0321, 42.0082, 24.6626.



This preview shows how white text looks on a background with the XYZ color 54.0321, 42.0082,

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

54.0321, 42.0082, 24.6626

Protanopia

39.8038, 42.4505, 30.5220

Deuteranopia

42.8195, 41.9183, 23.9234



Tritanopia

55.9776, 41.9272, 33.9966

Trichromacy



Original Color

54.0321, 42.0082, 24.6626

Protanomaly

43.9786, 41.6173, 28.2693

Deuteranomaly

46.4802, 41.7062, 24.0127

Tritanomaly

55.0589, 41.7501, 30.3560

Monochromacy



Original Color

54.0321, 42.0082, 24.6626

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 54.0321, 42.0082, 24.6626 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, 143, 125)` looks like.

```
.text, #text, p{  
    color:rgb(253, 143, 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, 143, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 143, 125) }
```

Border

The CSS property to change the border of an element to XYZ 54.0321, 42.0082, 24.6626 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, 143, 125) }
```


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

```
.border{ border-color:rgb(253, 143, 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, 143, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 143, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 143, 125);  
box-shadow:4px 4px 4px 4px rgb(253, 143,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0321, 42.0082, 24.6626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 143, 125) }
```

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

```
.background{ background-color: rgb(253,  
143, 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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