

Converting Colors

XYZ(53.8637, 41.4647, 25.2432)

Have a look what the booklet for
XYZ(53.8637, 41.4647, 25.2432)
contains.

XYZ(53.8637, 41.4647, 25.2432)	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(53.8637, 41.4647,
25.2432)**

Conversions

Conversions Part 1

Format	Color
Hex	FD8D7F
RGB	253, 141, 127
RGB Percent	99%, 55%, 50%
CMY	0.0078, 0.4470, 0.5020
CMYK	0.00, 0.44, 0.50, 0.01
HSL	7°, 97%, 75%
HSV	7°, 50%, 99%
XYZ	53.8637, 41.4647, 25.2432
YIQ	172.8920, 71.2460, 19.3900

Conversions

Conversions Part 2

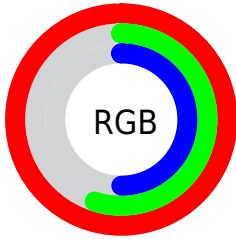
Format	Color
R _Y B	253, 143, 127
Decimal	16616831
CIE Lab	70.50, 40.92, 26.27
CIE LCh	71, 48.630, 32.703
Yxy	41.4647, 0.4467, 0.3439
Android (android.graphics.Color)	4294806911 (0xFFFD8D7F)
YUV	172.8920, -22.6248, 70.2547
Hunter-Lab	64.3931, 36.6242, 21.8325

Details

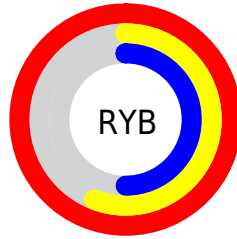
The XYZ color **53.8637, 41.4647, 25.2432** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.3468, 73.3333, 104.0606**, and the grayscale version is **39.7528, 41.8230, 45.5453**.

A 20% lighter version of the original color is **69.2181, 64.0351, 51.8918**, and **26.6031, 18.7360, 9.4220** is the 20% darker color. If you saturate the color by 10%, you get **49.4312, 34.9156, 16.6269**, and if you desaturate by 10%, it is **59.3854, 49.5300, 36.2655**.

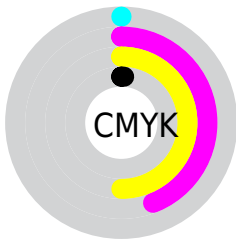
Distribution



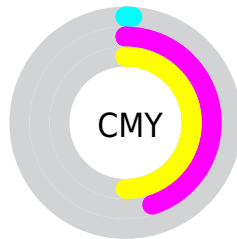
- Red (99%)
- Green (55%)
- Blue (50%)



- Red (99%)
- Yellow (56%)
- Blue (50%)



- Cyan (0%)
- Magenta (44%)
- Yellow (50%)
- Black (1%)





- Cyan (1%)
- Magenta (45%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8637, 41.4647, 25.2432 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 53.8637, 41.4647, 25.2432 by changing the saturation by 10% instead.


 53.8637, 41.4647,
25.2432


 53.8637, 41.4647,
25.2432


391.7969,
352.2591, 292.5333

 38.7229, 28.6824,
16.0377

 95.0322, 77.3888,
53.0205

 26.7240, 18.8407,
9.3962

 121.7906,
101.2994, 72.4293

 17.5016, 11.5552,
4.9002


 153.1522,
129.6882, 96.0764

 10.6903, 6.4416,
2.1311

189.4825,
162.9396, 124.3801

 5.9247, 3.1154,
0.6342

231.1468,
201.4380, 157.7592

 2.8396, 1.1923,
0.0000

278.5103,

 1.0695, 0.0554,

245.5678, 196.6320

0.0000

331.9386,
295.7133, 241.4172

■ 0.0000, 0.0000,
0.0000

■ 53.8637, 41.4647,
25.2432

■ 53.8637, 41.4647,
25.2432

■ 49.4312, 34.9156,
16.6269

■ 59.3854, 49.5300,
36.2655

■ 46.0122, 29.7816,
10.2341

■ 66.0590, 59.1914,
49.8532

■ 43.5262, 25.9595,
5.8603

■ 73.9463, 70.5310,
66.1546

■ 41.8785, 23.3289,
3.2614

■ 83.1035, 83.6234,
85.3061

■ 40.9396, 21.7415,
2.0532

■ 93.5835, 98.5385,
107.4350

■ 40.9261, 21.7190,
2.0351

94.3180, 99.6226,
108.8657

Harmonies

Analogous

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



56.9088, 41.4647, 43.0968



53.8637, 41.4647, 25.2432



46.9144, 41.4647, 16.1752

Triad

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



53.8637, 41.4647, 25.2432



27.2341, 41.4647, 27.7720



40.1428, 41.4647, 105.1923

Complementary

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



53.8637, 41.4647, 25.2432



57.3468, 73.3333, 104.0606

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.



32.7535, 41.4647, 96.8653



53.8637, 41.4647, 25.2432



25.9268, 41.4647, 47.2633

Square

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



53.8637, 41.4647, 25.2432



31.6525, 41.4647, 17.2489



27.8066, 41.4647, 73.4605



48.3437, 41.4647, 93.4412

Rectangle

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



53.8637, 41.4647, 25.2432



41.4021, 41.4647, 13.9821



27.8066, 41.4647, 73.4605



37.4847, 41.4647, 104.6511

Sweetspot

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



53.8647, 41.4668, 25.2440



79.5888, 77.9707, 76.3303



63.8851, 42.3767, 87.5623



16.6220, 16.0977, 15.4747



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.



53.8647, 41.4668, 25.2440



50.2360, 35.4148, 16.7584



65.6005, 64.9383, 29.1559



18.1719, 18.3120, 18.7211



21.8217, 11.6547, 1.0995



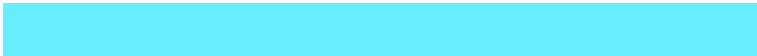
2.1750, 1.2355, 0.1238

Inverse Universe

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



57.3468, 73.3333, 104.0606



54.1018, 71.1894, 105.4972



42.2835, 43.2067, 99.0395



18.3723, 20.1162, 23.1644



23.8045, 32.5185, 54.4567



2.3649, 3.2604, 5.3180

Previews

White Background



This preview shows how the XYZ color 53.8637, 41.4647, 25.2432 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 53.8637, 41.4647, 25.2432 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 53.8637, 41.4647, 25.2432

Background



This preview shows how black text looks on a background with the XYZ color 53.8637, 41.4647, 25.2432.



This preview shows how white text looks on a background with the XYZ color 53.8637, 41.4647,

25.2432.

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

53.8637, 41.4647, 25.2432

Protanopia

39.2797, 41.8775, 31.2122

Deuteranopia

42.6650, 41.8243, 24.5631



Tritanopia

55.6738, 41.5751, 33.1074

Trichromacy



Original Color

53.8637, 41.4647, 25.2432

Protanomaly

43.2012, 40.6772, 28.8671

Deuteranomaly

46.1265, 41.2572, 24.6011

Tritanomaly

54.8393, 41.4295, 29.9173

Monochromacy



Original Color

53.8637, 41.4647, 25.2432

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

43.1027, 40.4466, 36.9877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8637, 41.4647, 25.2432 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, 141, 127)` looks like.

```
.text, #text, p{  
    color:rgb(253, 141, 127)  
}
```

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, 141, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 141, 127) }
```

Border

The CSS property to change the border of an element to XYZ 53.8637, 41.4647, 25.2432 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, 141, 127) }
```


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

```
.border{ border-color:rgb(253, 141, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 141, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 141, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 141, 127);  
box-shadow:4px 4px 4px 4px rgb(253, 141,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8637, 41.4647, 25.2432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 141, 127) }
```

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

```
.background{ background-color: rgb(253,  
141, 127) }
```

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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