

Converting Colors

XYZ(53.6901, 42.2288, 25.2452)

Have a look what the booklet for
XYZ(53.6901, 42.2288, 25.2452)
contains.

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Color

**XYZ(53.7398, 42.2923,
25.4095)**

Conversions

Conversions Part 1

Format	Color
Hex	FB917F
RGB	251, 145, 127
RGB Percent	98%, 57%, 50%
CMY	0.0157, 0.4313, 0.5020
CMYK	0.00, 0.42, 0.49, 0.02
HSL	9°, 94%, 74%
HSV	9°, 49%, 98%
XYZ	53.7398, 42.2923, 25.4095
YIQ	174.6420, 68.9540, 16.8740

Conversions

Conversions Part 2

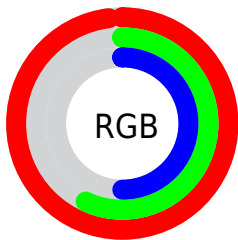
Format	Color
R_{YB}	251, 148, 127
Decimal	16486783
CIE _{Lab}	71.07, 38.14, 26.99
CIE _{LCh}	71, 46.724, 35.287
Yxy	42.2923, 0.4425, 0.3483
Android (android.graphics.Color)	4294676863 (0xFFFB917F)
YUV	174.6420, -23.4875, 66.9660
Hunter-Lab	65.0325, 33.6970, 22.3570

Details

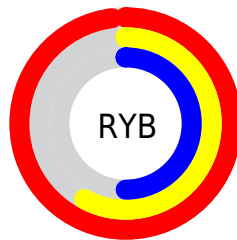
The XYZ color **53.7398, 42.2923, 25.4095** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.3023, 69.7514, 101.8151**, and the grayscale version is **40.6561, 42.7734, 46.5803**.

A 20% lighter version of the original color is **70.1325, 65.8638, 52.1966**, and **26.7754, 19.4551, 9.5517** is the 20% darker color. If you saturate the color by 10%, you get **49.3285, 35.7697, 16.8491**, and if you desaturate by 10%, it is **59.1797, 50.2203, 36.3236**.

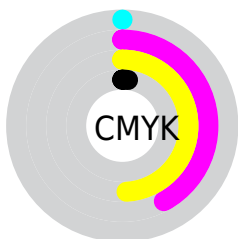
Distribution



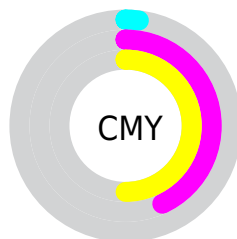
- Red (98%)
- Green (57%)
- Blue (50%)



- Red (98%)
- Yellow (58%)
- Blue (50%)



- Cyan (0%)
- Magenta (42%)
- Yellow (49%)
- Black (2%)





- Cyan (2%)
- Magenta (43%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7398, 42.2923, 25.4095 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 53.7398, 42.2923, 25.4095 by changing the saturation by 10% instead.


 53.7398, 42.2923,
25.4095


 53.7398, 42.2923,
25.4095


391.3316,
355.6932, 293.3839

 38.6235, 29.3302,
16.1606

 94.8512, 78.6418,
53.2931

 26.6464, 19.3308,
9.4823


 121.5771,
102.7981, 72.7649

 17.4430, 11.9095,
4.9560


 152.9035,
131.4545, 96.4815

 10.6481, 6.6821,
2.1632

189.1958,
164.9955, 124.8612

 5.8963, 3.2641,
0.6530

230.8195,
203.8055, 158.3228

 2.8222, 1.2711,
0.0000

278.1397,

 1.0604, 0.1187,

248.2688, 197.2848

0.0000

331.5220,
298.7699, 242.1656

■ 0.0000, 0.0000,
0.0000

■ 53.7398, 42.2923,
25.4095

■ 53.7398, 42.2923,
25.4095

■ 49.3285, 35.7697,
16.8491

■ 59.1797, 50.2203,
36.3236

■ 45.8770, 30.5639,
10.4659

■ 65.7050, 59.6227,
49.7455

■ 43.3125, 26.5861,
6.0625

■ 73.3719, 70.5717,
65.8188

■ 41.5503, 23.7336,
3.4040

■ 82.2318, 83.1329,
84.6758

■ 40.4763, 21.8815,
2.1333

■ 92.3331, 97.3679,
106.4397

■ 40.4280, 21.7982,
2.0767

■ 93.5935, 99.2492,
108.8318

Harmonies

Analogous

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



57.0765, 42.2923, 42.2000



53.7398, 42.2923, 25.4095



46.8065, 42.2923, 16.9931

Triad

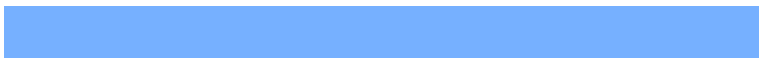
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.7398, 42.2923, 25.4095



28.0437, 42.2923, 30.3109



41.5968, 42.2923, 103.5014

Complementary

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



53.7398, 42.2923, 25.4095



55.3023, 69.7514, 101.8151

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.



34.2420, 42.2923, 97.1910



53.7398, 42.2923, 25.4095



27.0250, 42.2923, 50.1255

Square

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



53.7398, 42.2923, 25.4095



32.1338, 42.2923, 19.1138



29.1460, 42.2923, 75.6199



49.5088, 42.2923, 90.8172

Rectangle

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



53.7398, 42.2923, 25.4095



41.4438, 42.2923, 15.1156



29.1460, 42.2923, 75.6199



38.9765, 42.2923, 103.5658

Sweetspot

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



53.7409, 42.2945, 25.4103



79.9341, 78.6611, 76.4454



62.2915, 41.6556, 82.9510



16.7040, 16.2616, 15.5021



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.



53.7409, 42.2945, 25.4103



51.2784, 37.2941, 17.7395



65.5735, 65.9598, 29.3545



17.4479, 17.6317, 17.9461



21.3131, 11.5829, 1.1124



2.0333, 1.1914, 0.1228

Inverse Universe

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



55.3023, 69.7514, 101.8151



53.0053, 68.5606, 105.0476



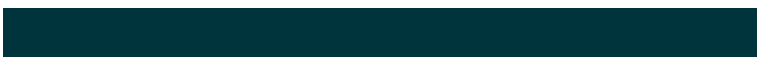
41.0067, 41.1604, 97.0499



17.5384, 19.1536, 22.1579



21.9499, 29.2554, 52.4635



2.0897, 2.8231, 4.8780

Previews

White Background



This preview shows how the XYZ color 53.7398, 42.2923, 25.4095 looks on a white background.

Color Contrast Check

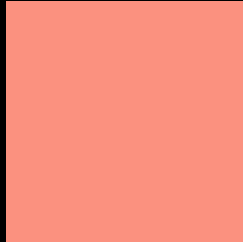
Large Text (above 18pt) WCAG AA × Fail

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 53.7398, 42.2923, 25.4095 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 53.7398, 42.2923, 25.4095

Background



This preview shows how black text looks on a background with the XYZ color 53.7398, 42.2923, 25.4095.



This preview shows how white text looks on a background with the XYZ color 53.7398, 42.2923,

25.4095.

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

53.7398, 42.2923, 25.4095

Protanopia

39.8773, 42.4798, 30.9086

Deuteranopia

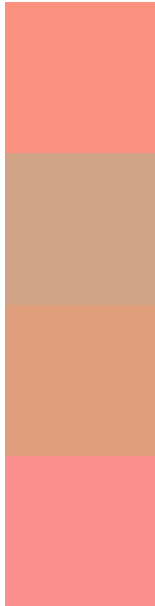
43.4063, 42.4774, 24.6501



Tritanopia

55.7004, 42.1994, 34.9153

Trichromacy



Original Color

53.7398, 42.2923, 25.4095

Protanomaly

43.7649, 41.4990, 28.6251

Deuteranomaly

46.7767, 42.0988, 24.7293

Tritanomaly

54.7758, 42.0246, 31.2112

Monochromacy



Original Color

53.7398, 42.2923, 25.4095

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

44.0756, 41.7161, 38.0767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7398, 42.2923, 25.4095 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(251, 145, 127)` looks like.

```
.text, #text, p{  
    color:rgb(251, 145, 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(251, 145, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 145, 127) }
```

Border

The CSS property to change the border of an element to XYZ 53.7398, 42.2923, 25.4095 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(251, 145, 127) }
```


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

```
.border{ border-color:rgb(251, 145, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 145, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 145, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 145, 127);  
box-shadow:4px 4px 4px 4px rgb(251, 145,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7398, 42.2923, 25.4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 145, 127) }
```

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

```
.background{ background-color: rgb(251,  
145, 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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