

Converting Colors

XYZ(53.7148, 42.4231, 39.7567)

Have a look what the booklet for
XYZ(53.7148, 42.4231, 39.7567)
contains.

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Color

**XYZ(53.5733, 42.3533,
39.5338)**

Conversions

Conversions Part 1

Format	Color
Hex	F293A2
RGB	242, 147, 162
RGB Percent	95%, 58%, 64%
CMY	0.0510, 0.4235, 0.3647
CMYK	0.00, 0.39, 0.33, 0.05
HSL	351°, 79%, 76%
HSV	351°, 39%, 95%
XYZ	53.5733, 42.3533, 39.5338
YIQ	177.1150, 51.8050, 24.8050

Conversions

Conversions Part 2

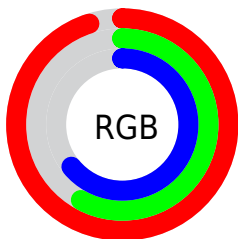
Format	Color
R _Y B	242, 147, 162
Decimal	15897506
CIE Lab	71.11, 37.53, 7.52
CIE LCh	71, 38.277, 11.323
Yxy	42.3533, 0.3955, 0.3127
Android (android.graphics.Color)	4294087586 (0xFF293A2)
YUV	177.1150, -7.4517, 56.9041
Hunter-Lab	65.0794, 33.0520, 9.5387

Details

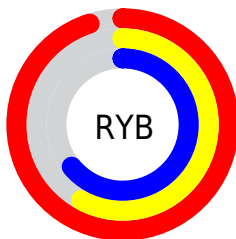
The XYZ color **53.5733, 42.3533, 39.5338** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.6519, 75.2544, 84.1641**, and the grayscale version is **41.8703, 44.0508, 47.9713**.

A 20% lighter version of the original color is **74.8849, 68.5108, 74.9227**, and **26.7286, 19.5225, 17.3984** is the 20% darker color. If you saturate the color by 10%, you get **48.5311, 34.9368, 29.6278**, and if you desaturate by 10%, it is **59.7029, 51.4743, 51.2516**.

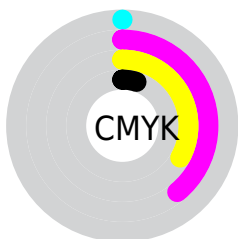
Distribution



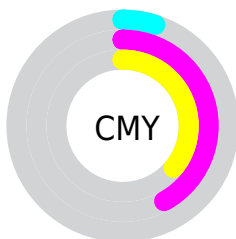
- Red (95%)
- Green (58%)
- Blue (64%)



- Red (95%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (39%)
- Yellow (33%)
- Black (5%)





- Cyan (5%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5733, 42.3533, 39.5338 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 53.5733, 42.3533, 39.5338 by changing the saturation by 10% instead.


 53.5733, 42.3533,
39.5338


 53.5733, 42.3533,
39.5338


390.7057,
355.9454, 359.6482

 38.4899, 29.3780,
26.8642


 94.6080, 78.7341,
75.6824

 26.5421, 19.3670,
17.2397


 121.2901,
102.9083, 99.9985

 17.3644, 11.9358,
10.2418


152.5691,
131.5844, 129.0338

 10.5916, 6.6999,
5.4519

188.8104,
165.1466, 163.2069

 5.8582, 3.2752,
2.4514

230.3794,
203.9795, 202.9364

 2.7989, 1.2770,
0.8142

277.6413,

 1.0483, 0.1233,

248.4673, 248.6407

0.0000

330.9617,
298.9945, 300.7385

0.0000, 0.0000,
0.0000

53.5733, 42.3533,
39.5338

53.5733, 42.3533,
39.5338

48.5311, 34.9368,
29.6278

59.7029, 51.4743,
51.2516

44.5087, 29.1129,
21.4402

66.9754, 62.3903,
64.8634

41.4362, 24.7661,
14.8726

75.4464, 75.1927,
80.4491

39.2333, 21.7625,
9.8156

85.1671, 89.9649,
98.0836

37.8059, 19.9437,
6.1459

90.4281, 97.6173,
108.6837

■ 37.0159, 19.0678,
3.7122

■ 36.9711, 19.0185,
3.5730

Harmonies

Analogous

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



53.0804, 42.3533, 58.3523



53.5733, 42.3533, 39.5338



50.2266, 42.3533, 26.5331

Triad

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



53.5733, 42.3533, 39.5338



32.6616, 42.3533, 24.3820



36.4406, 42.3533, 88.2281

Complementary

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



53.5733, 42.3533, 39.5338



57.6519, 75.2544, 84.1641

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.



31.7000, 42.3533, 73.5329



53.5733, 42.3533, 39.5338



29.6832, 42.3533, 35.7215

Square

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



53.5733, 42.3533, 39.5338



37.8865, 42.3533, 19.4641



29.3509, 42.3533, 53.3900



42.7213, 42.3533, 90.0442

Rectangle

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



53.5733, 42.3533, 39.5338



46.4567, 42.3533, 21.5839



29.3509, 42.3533, 53.3900



34.6323, 42.3533, 84.4790

Sweetspot

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



53.5744, 42.3554, 39.5346



82.1783, 80.4566, 85.4958



57.8785, 43.4761, 89.3459



17.3160, 16.8073, 17.7976



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.



53.5744, 42.3554, 39.5346



55.7633, 40.9652, 35.5697



57.9393, 53.0925, 34.8005



15.8745, 15.7995, 16.8955



19.8930, 10.2296, 2.0872



1.6850, 0.8630, 0.3321

Inverse Universe

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



53.5744, 42.3554, 39.5346



55.7633, 40.9652, 35.5697



51.1904, 58.8736, 92.6704



15.8745, 15.7995, 16.8955



19.8930, 10.2296, 2.0872



1.6850, 0.8630, 0.3321

Previews

White Background



This preview shows how the XYZ color 53.5733, 42.3533, 39.5338 looks on a white background.

Color Contrast Check

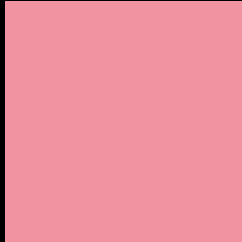
Large Text (above 18pt) WCAG AA × Fail

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 53.5733, 42.3533, 39.5338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

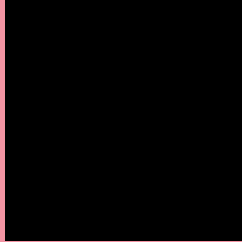
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5733, 42.3533, 39.5338

Background



This preview shows how black text looks on a background with the XYZ color 53.5733, 42.3533, 39.5338.



This preview shows how white text looks on a background with the XYZ color 53.5733, 42.3533,

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

53.5733, 42.3533, 39.5338

Protanopia

41.2033, 42.7935, 47.6833

Deuteranopia

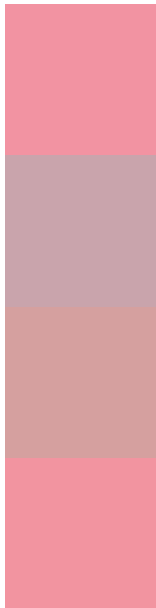
43.2001, 42.3442, 38.2441



Tritanopia

53.4659, 42.5603, 38.1979

Trichromacy



Original Color

53.5733, 42.3533, 39.5338

Protanomaly

44.8092, 41.9470, 44.7646

Deuteranomaly

46.2694, 41.7909, 38.4287

Tritanomaly

53.5530, 42.5951, 38.6568

Monochromacy



Original Color

53.5733, 42.3533, 39.5338

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

45.1700, 42.6685, 44.8849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5733, 42.3533, 39.5338 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(242, 147, 162)` looks like.

```
.text, #text, p{  
    color:rgb(242, 147, 162)  
}
```

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(242, 147, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 147, 162) }
```

Border

The CSS property to change the border of an element to XYZ 53.5733, 42.3533, 39.5338 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(242, 147, 162) }
```


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

```
.border{ border-color:rgb(242, 147, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 147, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 147, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 147, 162);  
box-shadow:4px 4px 4px 4px rgb(242, 147,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5733, 42.3533, 39.5338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 147, 162) }
```

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

```
.background{ background-color: rgb(242,  
147, 162) }
```

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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