

Converting Colors

XYZ(51.3587, 39.3284, 24.2863)

Have a look what the booklet for
XYZ(51.3587, 39.3284, 24.2863)
contains.

XYZ(51.3587, 39.3284, 24.2863)	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(51.3587, 39.3284,
24.2863)**

Conversions

Conversions Part 1

Format	Color
Hex	F8897D
RGB	248, 137, 125
RGB Percent	97%, 54%, 49%
CMY	0.0275, 0.4627, 0.5098
CMYK	0.00, 0.45, 0.50, 0.03
HSL	6°, 90%, 73%
HSV	6°, 50%, 97%
XYZ	51.3587, 39.3284, 24.2863
YIQ	168.8210, 70.0080, 19.8000

Conversions

Conversions Part 2

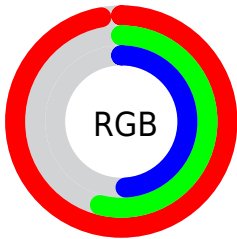
Format	Color
RYB	248, 138, 125
Decimal	16288125
CIELab	68.99, 40.92, 25.24
CIElCh	69, 48.079, 31.667
Yxy	39.3284, 0.4467, 0.3421
Android (android.graphics.Color)	4294478205 (0xFFFF8897D)
YUV	168.8210, -21.6038, 69.4400
Hunter-Lab	62.7124, 36.4371, 20.9377

Details

The XYZ color **51.3587, 39.3284, 24.2863** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.3945, 71.1246, 99.6155**, and the grayscale version is **37.7038, 39.6673, 43.1977**.

A 20% lighter version of the original color is **68.1255, 62.1736, 50.5296**, and **25.2920, 17.7102, 8.9228** is the 20% darker color. If you saturate the color by 10%, you get **47.1096, 33.0572, 16.0054**, and if you desaturate by 10%, it is **56.6650, 47.0814, 34.8713**.

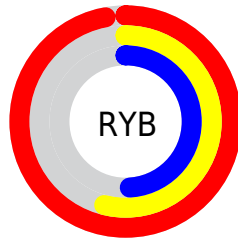
Distribution



Red (97%)

Green (54%)

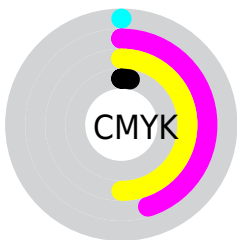
Blue (49%)



Red (97%)

Yellow (54%)

Blue (49%)

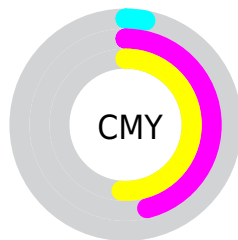


Cyan (0%)

Magenta (45%)

Yellow (50%)

Black (3%)



Cyan (3%)

Magenta (46%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3587, 39.3284, 24.2863 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 51.3587, 39.3284, 24.2863 by changing the saturation by 10% instead.


 51.3587, 39.3284,
24.2863


 51.3587, 39.3284,
24.2863


382.3205,
343.2847, 287.5978


 36.7164, 27.0153,
15.3320


 91.3646, 74.1397,
51.4467

 25.1606, 17.5847,
8.9035


 117.4589, 97.4068,
70.4898

 16.3261, 10.6522,
4.5823


 148.1012,
125.0939, 93.7329

 9.8475, 5.8335,
1.9499

183.6569,
157.5855, 121.5946

 5.3595, 2.7441,
0.5242

224.4913,
195.2660, 154.4934

 2.4966, 0.9996,
0.0000

270.9698,

 0.8935, 0.0000,

238.5197, 192.8479

0.0000

323.4578,
287.7312, 237.0765

■ 0.0000, 0.0000,
0.0000

■ 51.3587, 39.3284,
24.2863

■ 51.3587, 39.3284,
24.2863

■ 47.1096, 33.0572,
16.0054

■ 56.6650, 47.0814,
34.8713

■ 43.8438, 28.1673,
9.8549

■ 63.0900, 56.3958,
47.9126

■ 41.4820, 24.5559,
5.6395

■ 70.6940, 67.3532,
63.5518

■ 39.9317, 22.1025,
3.1273

■ 79.5322, 80.0273,
81.9191

■ 39.0668, 20.6586,
1.9572

■ 89.6561, 94.4876,
103.1359

■ 39.0422, 20.6182,
1.9220

■ 92.5213, 98.6964,
108.7817

Harmonies

Analogous

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



54.1068, 39.3284, 41.6077



51.3587, 39.3284, 24.2863



44.8098, 39.3284, 15.4039

Triad

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



51.3587, 39.3284, 24.2863



25.8646, 39.3284, 25.7703



37.8101, 39.3284, 100.2851

Complementary

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



51.3587, 39.3284, 24.2863



55.3945, 71.1246, 99.6155

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.



30.8213, 39.3284, 91.6704



51.3587, 39.3284, 24.2863



24.5143, 39.3284, 44.0595

Square

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



51.3587, 39.3284, 24.2863



30.1740, 39.3284, 16.0323



26.2009, 39.3284, 68.9809



45.6517, 39.3284, 89.6493

Rectangle

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



51.3587, 39.3284, 24.2863



39.5545, 39.3284, 13.1903



26.2009, 39.3284, 68.9809



35.2876, 39.3284, 99.5336

Sweetspot

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



51.3597, 39.3304, 24.2870



79.4522, 77.6974, 76.2848



61.4409, 40.7823, 85.3298



16.5896, 16.0329, 15.4639



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.



51.3597, 39.3304, 24.2870



49.9919, 34.9266, 16.6770



62.3226, 61.2563, 27.9413



17.3809, 17.4976, 17.9237



21.1351, 11.2268, 1.0530



2.0016, 1.1281, 0.1123

Inverse Universe

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



55.3945, 71.1246, 99.6155



54.7089, 72.4036, 105.6996



40.9753, 42.2864, 94.8091



17.6125, 19.3019, 22.1826



23.5802, 32.5160, 53.0070



2.2247, 3.0930, 4.9229

Previews

White Background



This preview shows how the XYZ color 51.3587, 39.3284, 24.2863 looks on a white background.

Color Contrast Check

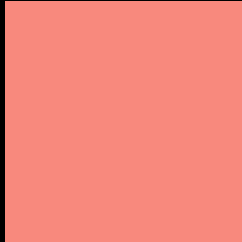
Large Text (above 18pt) WCAG AA × Fail

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 51.3587, 39.3284, 24.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

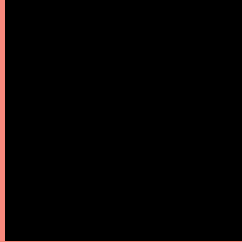
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3587, 39.3284, 24.2863

Background



This preview shows how black text looks on a background with the XYZ color 51.3587, 39.3284, 24.2863.



This preview shows how white text looks on a background with the XYZ color 51.3587, 39.3284,

24.2863.

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

51.3587, 39.3284, 24.2863

Protanopia

37.0229, 39.3343, 30.0671

Deuteranopia

40.4589, 39.6386, 23.6078



Tritanopia

52.6261, 39.2035, 31.1789

Trichromacy



Original Color

51.3587, 39.3284, 24.2863

Protanomaly

40.9886, 38.5317, 27.8313

Deuteranomaly

43.8175, 39.0930, 23.6486

Tritanomaly

52.2463, 39.2738, 28.4938

Monochromacy



Original Color

51.3587, 39.3284, 24.2863

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

41.0954, 38.4196, 35.3868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3587, 39.3284, 24.2863 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(248, 137, 125)` looks like.

```
.text, #text, p{  
    color:rgb(248, 137, 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(248, 137, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 137, 125) }
```

Border

The CSS property to change the border of an element to XYZ 51.3587, 39.3284, 24.2863 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(248, 137, 125) }
```


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

```
.border{ border-color:rgb(248, 137, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 137, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 137, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 137, 125);  
box-shadow:4px 4px 4px 4px rgb(248, 137,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3587, 39.3284, 24.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 137, 125) }
```

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

```
.background{ background-color: rgb(248,  
137, 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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