

Converting Colors

XYZ(51.3374, 40.4046, 37.9270)

Have a look what the booklet for
XYZ(51.3374, 40.4046, 37.9270)
contains.

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Color

**XYZ(51.3404, 40.3253,
37.8785)**

Conversions

Conversions Part 1

Format	Color
Hex	EE8F9F
RGB	238, 143, 159
RGB Percent	93%, 56%, 62%
CMY	0.0667, 0.4392, 0.3765
CMYK	0.00, 0.40, 0.33, 0.07
HSL	350°, 74%, 75%
HSV	350°, 40%, 93%
XYZ	51.3404, 40.3253, 37.8785
YIQ	173.2290, 51.4840, 25.1160

Conversions

Conversions Part 2

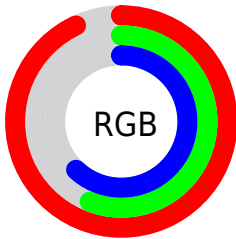
Format	Color
R _Y B	238, 143, 159
Decimal	15634335
CIE Lab	69.70, 37.80, 7.10
CIE LCh	70, 38.464, 10.635
Yxy	40.3253, 0.3963, 0.3113
Android (android.graphics.Color)	4293824415 (0xFFEE8F9F)
YUV	173.2290, -7.0149, 56.8042
Hunter-Lab	63.5022, 33.1852, 9.0856

Details

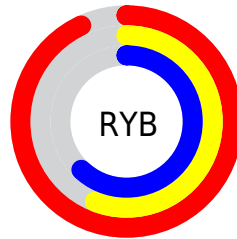
The XYZ color **51.3404, 40.3253, 37.8785** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.0890, 72.2636, 80.1560**, and the grayscale version is **39.8547, 41.9302, 45.6620**.

A 20% lighter version of the original color is **73.5717, 66.5032, 72.5771**, and **25.2703, 18.2682, 16.3816** is the 20% darker color. If you saturate the color by 10%, you get **46.5568, 33.2902, 28.4778**, and if you desaturate by 10%, it is **57.1591, 48.9901, 48.9819**.

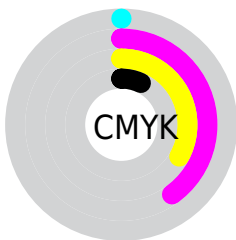
Distribution



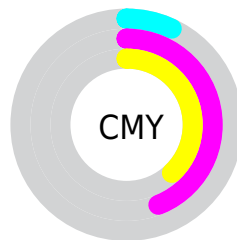
- Red (93%)
- Green (56%)
- Blue (62%)



- Red (93%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (40%)
- Yellow (33%)
- Black (7%)





- Cyan (7%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3404, 40.3253, 37.8785 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 51.3404, 40.3253, 37.8785 by changing the saturation by 10% instead.


 51.3404, 40.3253,
37.8785


 51.3404, 40.3253,
37.8785


382.2508,
347.4928, 352.3810

 36.7017, 27.7923,
25.5873


 91.3377, 75.6586,
73.1232

 25.1493, 18.1691,
16.2922

 117.4271, 99.2277,
96.9138

 16.3176, 11.0715,
9.5745


148.0641,
127.2442, 125.3747

 9.8415, 6.1149,
5.0159

183.6141,
160.0926, 158.9243

 5.3554, 2.9151,
2.1977

224.4424,
198.1573, 197.9812

 2.4942, 1.0876,
0.6730

270.9144,

 0.8923, 0.0000,

241.8226, 242.9639

0.0000

323.3954,
291.4730, 294.2910

■ 0.0000, 0.0000,
0.0000

■ 51.3404, 40.3253,
37.8785

■ 51.3404, 40.3253,
37.8785

■ 46.5568, 33.2902,
28.4778

■ 57.1591, 48.9901,
48.9819

■ 42.7437, 27.7769,
20.6925

■ 64.0659, 59.3717,
61.8646

■ 39.8340, 23.6740,
14.4312

■ 72.1141, 71.5582,
76.6013

■ 37.7507, 20.8520,
9.5917

■ 81.3525, 85.6297,
93.2618

■ 36.4033, 19.1573,
6.0592

■ 89.0700, 96.9172,
108.6201

■ 35.6494, 18.3365,
3.6897

■ 35.6442, 18.3309,
3.6736

Harmonies

Analogous

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



50.7693, 40.3253, 56.2869



51.3404, 40.3253, 37.8785



48.1507, 40.3253, 25.1487

Triad

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



51.3404, 40.3253, 37.8785



31.0477, 40.3253, 22.6881



34.4935, 40.3253, 84.8515

Complementary

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



51.3404, 40.3253, 37.8785



55.0890, 72.2636, 80.1560

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.



29.9412, 40.3253, 70.2372



51.3404, 40.3253, 37.8785



28.1058, 40.3253, 33.4907

Square

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



51.3404, 40.3253, 37.8785



36.1606, 40.3253, 18.0939



27.7240, 40.3253, 50.5443



40.5803, 40.3253, 86.9648

Rectangle

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



51.3404, 40.3253, 37.8785



44.5040, 40.3253, 20.2909



27.7240, 40.3253, 50.5443



32.7515, 40.3253, 81.0830

Sweetspot

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



51.3415, 40.3273, 37.8793



82.2234, 80.4746, 85.7332



54.9486, 41.1270, 85.9313



17.3266, 16.8115, 17.8530



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.



51.3415, 40.3273, 37.8793



55.3399, 40.2326, 35.0765



55.1788, 50.0814, 32.7476



15.8814, 15.8023, 16.9316



19.9177, 10.2395, 2.2170



1.6882, 0.8643, 0.3491

Inverse Universe

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



51.3415, 40.3273, 37.8793



55.3399, 40.2326, 35.0765



49.2976, 57.0855, 89.3094



15.8814, 15.8023, 16.9316



19.9177, 10.2395, 2.2170



1.6882, 0.8643, 0.3491

Previews

White Background



This preview shows how the XYZ color 51.3404, 40.3253, 37.8785 looks on a white background.

Color Contrast Check

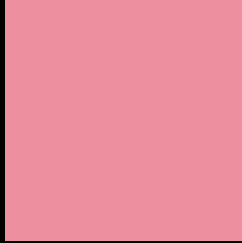
Large Text (above 18pt) WCAG AA × Fail

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 51.3404, 40.3253, 37.8785 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 51.3404, 40.3253, 37.8785

Background



This preview shows how black text looks on a background with the XYZ color 51.3404, 40.3253, 37.8785.



This preview shows how white text looks on a background with the XYZ color 51.3404, 40.3253,

37.8785.

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

51.3404, 40.3253, 37.8785

Protanopia

39.2483, 40.6897, 45.8297

Deuteranopia

41.3638, 40.6143, 36.6696



Tritanopia

51.0659, 40.4568, 35.6893

Trichromacy



Original Color

51.3404, 40.3253, 37.8785

Protanomaly

42.7582, 39.8765, 42.9795

Deuteranomaly

44.3522, 40.0696, 36.8491

Tritanomaly

51.2339, 40.5240, 36.5741

Monochromacy



Original Color

51.3404, 40.3253, 37.8785

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

43.0142, 40.5381, 42.6033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3404, 40.3253, 37.8785 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(238, 143, 159)` looks like.

```
.text, #text, p{  
    color:rgb(238, 143, 159)  
}
```

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(238, 143, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 143, 159) }
```

Border

The CSS property to change the border of an element to XYZ 51.3404, 40.3253, 37.8785 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(238, 143, 159) }
```


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

```
.border{ border-color:rgb(238, 143, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 143, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 143, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 143, 159);  
box-shadow:4px 4px 4px 4px rgb(238, 143,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3404, 40.3253, 37.8785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 143, 159) }
```

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

```
.background{ background-color: rgb(238,  
143, 159) }
```

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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