

Converting Colors

XYZ(52.8438, 41.6832, 35.1854)

Have a look what the booklet for
XYZ(52.8438, 41.6832, 35.1854)
contains.

| | |
|--|----|
| XYZ(52.8373, 41.6054, 35.3828) | 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(52.8373, 41.6054,
35.3828)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F39199 |
| RGB | 243, 145, 153 |
| RGB Percent | 95%, 57%, 60% |
| CMY | 0.0471, 0.4313, 0.4000 |
| CMYK | 0.00, 0.40, 0.37, 0.05 |
| HSL | 355°, 80%, 76% |
| HSV | 355°, 40%, 95% |
| XYZ | 52.8373, 41.6054, 35.3828 |
| YIQ | 175.2140, 55.8400, 23.2640 |

Conversions

Conversions Part 2

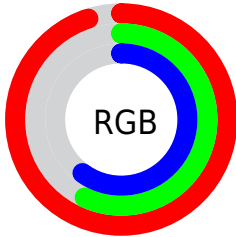
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 243, 145, 153 |
| Decimal | 15962521 |
| CIE Lab | 70.60, 37.85, 11.81 |
| CIE LCh | 71, 39.653, 17.321 |
| Yxy | 41.6054, 0.4070, 0.3205 |
| Android (android.graphics.Color) | 4294152601 (0xFF39199) |
| YUV | 175.2140, -10.9515, 59.4483 |
| Hunter-Lab | 64.5022, 33.3401, 12.6280 |

Details

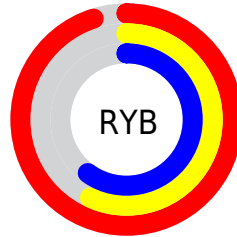
The XYZ color **52.8373, 41.6054, 35.3828** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.7250, 76.1200, 90.1990**, and the grayscale version is **40.8941, 43.0238, 46.8529**.

A 20% lighter version of the original color is **73.1568, 67.0735, 68.1222**, and **26.0798, 18.9784, 14.8590** is the 20% darker color. If you saturate the color by 10%, you get **47.8392, 34.2884, 25.4573**, and if you desaturate by 10%, it is **58.9764, 50.6525, 47.3902**.

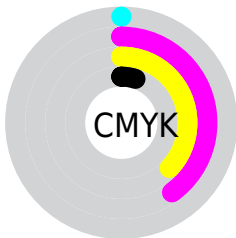
Distribution



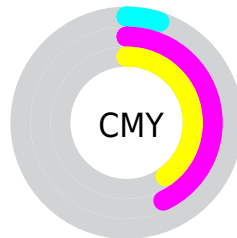
- Red (95%)
- Green (57%)
- Blue (60%)



- Red (95%)
- Yellow (57%)
- Blue (60%)



- Cyan (0%)
- Magenta (40%)
- Yellow (37%)
- Black (5%)





- Cyan (5%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8373, 41.6054, 35.3828 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 52.8373, 41.6054, 35.3828 by changing the saturation by 10% instead.


 52.8373, 41.6054,
35.3828

 52.8373, 41.6054,
35.3828


387.9317,
352.8446, 341.2102

 37.8999, 28.7924,
23.6720

 93.5319, 77.6021,
69.2366

 26.0818, 18.9239,
14.8805


 120.0197,
101.5546, 92.2168

 17.0179, 11.6153,
8.5899


151.0883,
129.9890, 119.7904

 10.3426, 6.4823,
4.3815

187.1032,
163.2898, 152.3761

 5.6907, 3.1405,
1.8369

228.4296,
201.8414, 190.3924

 2.6968, 1.2055,
0.4521

275.4329,

 0.9955, 0.0662,

246.0281, 234.2578

0.0000

328.4785,
296.2344, 284.3909

■ 0.0000, 0.0000,
0.0000

■ 52.8373, 41.6054,
35.3828

■ 52.8373, 41.6054,
35.3828

■ 47.8392, 34.2884,
25.4573

■ 58.9764, 50.6525,
47.3902

■ 43.9085, 28.5853,
17.4930

■ 66.3176, 61.5238,
61.5863

■ 40.9681, 24.3759,
11.3601


■ 74.9215, 74.3139,
78.0733

■ 38.9290, 21.5199,
6.9124

■ 84.8436, 89.1092,
96.9463

■ 37.6862, 19.8508,
3.9811

■ 90.7721, 97.7947,
108.6998

 37.0868, 19.1046,
2.3865

Harmonies

Analogous

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



53.1584, 41.6054, 53.6943



52.8373, 41.6054, 35.3828



48.7180, 41.6054, 23.6104

Triad

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



52.8373, 41.6054, 35.3828



30.9844, 41.6054, 24.9744



36.8425, 41.6054, 90.4261

Complementary

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



52.8373, 41.6054, 35.3828



58.7250, 76.1200, 90.1990

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.



31.6018, 41.6054, 77.3533



52.8373, 41.6054, 35.3828



28.4796, 41.6054, 37.8318

Square

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



52.8373, 41.6054, 35.3828



35.9100, 41.6054, 18.8424



28.6924, 41.6054, 56.9189



43.4167, 41.6054, 89.2320

Rectangle

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



52.8373, 41.6054, 35.3828



44.6057, 41.6054, 19.4928



28.6924, 41.6054, 56.9189



34.8817, 41.6054, 87.4307

Sweetspot

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



52.8384, 41.6075, 35.3836



81.8541, 80.3269, 83.7885



60.5102, 44.3578, 90.1666



17.2404, 16.7770, 17.3992



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.



52.8384, 41.6075, 35.3836



54.4994, 39.8964, 30.6506



59.5981, 56.1485, 34.4873



16.5540, 16.5044, 17.3979



20.3737, 10.4929, 1.4104



1.8092, 0.9296, 0.2215

Inverse Universe

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



52.8384, 41.6075, 35.3836



54.4994, 39.8964, 30.6506



49.0162, 54.8120, 92.7903



16.5540, 16.5044, 17.3979



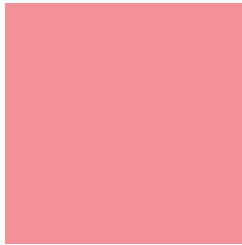
20.3737, 10.4929, 1.4104



1.8092, 0.9296, 0.2215

Previews

White Background



This preview shows how the XYZ color 52.8373, 41.6054, 35.3828 looks on a white background.

Color Contrast Check

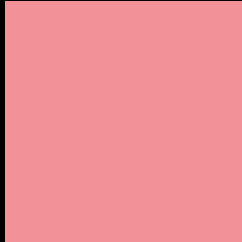
Large Text (above 18pt) WCAG AA × Fail

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 52.8373, 41.6054, 35.3828 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 52.8373, 41.6054, 35.3828

Background



This preview shows how black text looks on a background with the XYZ color 52.8373, 41.6054, 35.3828.



This preview shows how white text looks on a background with the XYZ color 52.8373, 41.6054,

35.3828.

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

52.8373, 41.6054, 35.3828

Protanopia

39.9519, 41.6793, 42.9850

Deuteranopia

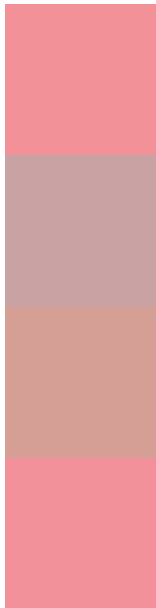
42.5322, 41.8131, 34.2628



Tritanopia

53.0039, 41.6720, 36.2602

Trichromacy



Original Color

52.8373, 41.6054, 35.3828

Protanomaly

43.6186, 40.9025, 40.2464

Deuteranomaly

45.6347, 41.2944, 34.4196

Tritanomaly

52.9203, 41.6386, 35.8197

Monochromacy



Original Color

52.8373, 41.6054, 35.3828

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

44.0699, 41.6203, 42.2700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8373, 41.6054, 35.3828 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(243, 145, 153)` looks like.

```
.text, #text, p{  
    color:rgb(243, 145, 153)  
}
```

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(243, 145, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 145, 153) }
```

Border

The CSS property to change the border of an element to XYZ 52.8373, 41.6054, 35.3828 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(243, 145, 153) }
```


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

```
.border{ border-color:rgb(243, 145, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 145, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 145, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 145, 153);  
box-shadow:4px 4px 4px 4px rgb(243, 145,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8373, 41.6054, 35.3828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 145, 153) }
```

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

```
.background{ background-color: rgb(243,  
145, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor