

Converting Colors

XYZ(53.6987, 40.1619, 31.7099)

Have a look what the booklet for
XYZ(53.6987, 40.1619, 31.7099)
contains.

XYZ(53.6987, 40.1619, 31.7099)	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(53.6987, 40.1619,
31.7099)**

Conversions

Conversions Part 1

Format	Color
Hex	FB8891
RGB	251, 136, 145
RGB Percent	98%, 53%, 57%
CMY	0.0157, 0.4666, 0.4314
CMYK	0.00, 0.46, 0.42, 0.02
HSL	355°, 93%, 76%
HSV	355°, 46%, 98%
XYZ	53.6987, 40.1619, 31.7099
YIQ	171.4110, 65.6510, 27.1790

Conversions

Conversions Part 2

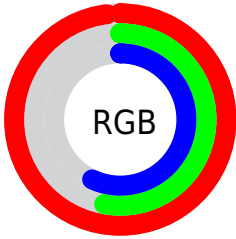
Format	Color
R _Y B	251, 136, 145
Decimal	16484497
CIE Lab	69.58, 44.44, 14.99
CIE LCh	70, 46.905, 18.639
Yxy	40.1619, 0.4276, 0.3198
Android (android.graphics.Color)	4294674577 (0xFFFB8891)
YUV	171.4110, -13.0206, 69.7996
Hunter-Lab	63.3734, 40.3463, 14.6947

Details

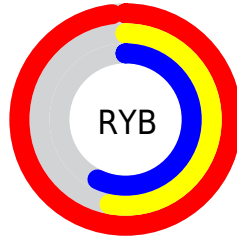
The XYZ color **53.6987, 40.1619, 31.7099** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.6796, 80.6403, 96.3762**, and the grayscale version is **38.9569, 40.9857, 44.6334**.

A 20% lighter version of the original color is **70.1796, 62.6451, 62.4257**, and **26.6447, 18.0891, 12.9137** is the 20% darker color. If you saturate the color by 10%, you get **48.9624, 33.2596, 22.2074**, and if you desaturate by 10%, it is **59.6280, 48.8688, 43.4031**.

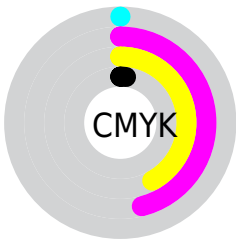
Distribution



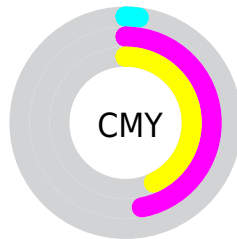
- Red (98%)
- Green (53%)
- Blue (57%)



- Red (98%)
- Yellow (53%)
- Blue (57%)



- Cyan (0%)
- Magenta (46%)
- Yellow (42%)
- Black (2%)





- Cyan (2%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6987, 40.1619, 31.7099 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 53.6987, 40.1619, 31.7099 by changing the saturation by 10% instead.


 53.6987, 40.1619,
31.7099


 53.6987, 40.1619,
31.7099


391.1771,
346.8055, 324.2475


 38.5905, 27.6648,
20.8770


 94.7912, 75.4100,
63.4486

 26.6206, 18.0731,
12.8438


 121.5062, 98.9298,
85.1916

 17.4236, 11.0025,
7.1916


 152.8210,
126.8925, 111.4083

 10.6342, 6.0685,
3.5020

189.1007,
159.6827, 142.5174

 5.8869, 2.8868,
1.3563

230.7109,
197.6847, 178.9373

 2.8164, 1.0729,
0.1073

278.0167,

 1.0574, 0.0000,

241.2829, 221.0866

0.0000

331.3837,
290.8617, 269.3838

■ 0.0000, 0.0000,
0.0000

■ 53.6987, 40.1619,
31.7099

■ 53.6987, 40.1619,
31.7099

■ 48.9624, 33.2596,
22.2074

■ 59.6280, 48.8688,
43.4031

■ 45.3352, 28.0297,
14.7570

■ 66.8205, 59.4881,
57.4095

■ 42.7271, 24.3317,
9.2076

■ 75.3446, 72.1267,
73.8451

■ 41.0328, 21.9994,
5.3863

■ 85.2628, 86.8814,
92.8176

■ 40.1234, 20.8277,
3.0885

■ 93.5936, 99.2492,
108.8318

■ 39.9067, 20.5584,
2.5096

Harmonies

Analogous

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



54.3015, 40.1619, 52.4693



53.6987, 40.1619, 31.7099



48.6255, 40.1619, 19.3040

Triad

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



53.6987, 40.1619, 31.7099



28.2538, 40.1619, 21.5564



35.3756, 40.1619, 98.6777

Complementary

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



53.6987, 40.1619, 31.7099



60.6796, 80.6403, 96.3762

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.



29.3367, 40.1619, 83.0896



53.6987, 40.1619, 31.7099



25.6029, 40.1619, 36.0185

Square

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



53.6987, 40.1619, 31.7099



33.7056, 40.1619, 14.9224



25.9712, 40.1619, 58.4570



43.0180, 40.1619, 96.3394

Rectangle

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



53.6987, 40.1619, 31.7099



43.7257, 40.1619, 15.2557



25.9712, 40.1619, 58.4570



33.1109, 40.1619, 95.1968

Sweetspot

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



53.6997, 40.1639, 31.7106



79.8470, 77.3586, 79.8954



62.6360, 43.3497, 96.3328



16.6444, 15.8951, 16.2447



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.



53.6997, 40.1639, 31.7106



51.0901, 34.9636, 23.6998



61.3521, 56.5351, 30.9740



17.2997, 17.2472, 18.1679



20.9964, 10.8143, 1.4237



1.9630, 1.0089, 0.2287

Inverse Universe

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



53.6997, 40.1639, 31.7106



51.0901, 34.9636, 23.6998



48.9434, 54.9525, 99.2940



17.2997, 17.2472, 18.1679



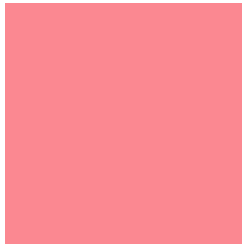
20.9964, 10.8143, 1.4237



1.9630, 1.0089, 0.2287

Previews

White Background



This preview shows how the XYZ color 53.6987, 40.1619, 31.7099 looks on a white background.

Color Contrast Check

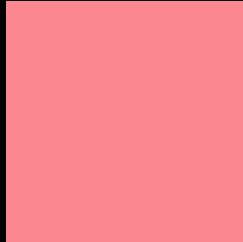
Large Text (above 18pt) WCAG AA × Fail

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 53.6987, 40.1619, 31.7099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

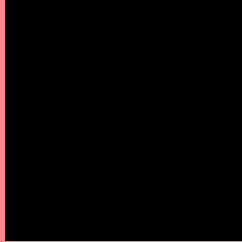
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6987, 40.1619, 31.7099

Background



This preview shows how black text looks on a background with the XYZ color 53.6987, 40.1619, 31.7099.



This preview shows how white text looks on a background with the XYZ color 53.6987, 40.1619,

31.7099.

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

53.6987, 40.1619, 31.7099

Protanopia

38.5755, 40.4720, 39.9612

Deuteranopia

41.0350, 40.3147, 30.4297



Tritanopia

53.7761, 40.1929, 32.1178

Trichromacy



Original Color

53.6987, 40.1619, 31.7099

Protanomaly

42.8562, 39.5505, 36.8277

Deuteranomaly

45.0534, 39.8159, 30.9019

Tritanomaly

53.7761, 40.1929, 32.1178

Monochromacy



Original Color

53.6987, 40.1619, 31.7099

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

42.5679, 39.3417, 39.5326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6987, 40.1619, 31.7099 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, 136, 145)` looks like.

```
.text, #text, p{  
    color:rgb(251, 136, 145)  
}
```

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, 136, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 136, 145) }
```

Border

The CSS property to change the border of an element to XYZ 53.6987, 40.1619, 31.7099 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, 136, 145) }
```


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

```
.border{ border-color:rgb(251, 136, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 136, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 136, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 136, 145);  
box-shadow:4px 4px 4px 4px rgb(251, 136,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6987, 40.1619, 31.7099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 136, 145) }
```

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

```
.background{ background-color: rgb(251,  
136, 145) }
```

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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