

Converting Colors

XYZ(51.6739, 41.1565, 32.1557)

Have a look what the booklet for
XYZ(51.6739, 41.1565, 32.1557)
contains.

XYZ(51.5119, 40.9959, 31.9861)	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(51.5119, 40.9959,
31.9861)**

Conversions

Conversions Part 1

Format	Color
Hex	F19191
RGB	241, 145, 145
RGB Percent	95%, 57%, 57%
CMY	0.0549, 0.4313, 0.4314
CMYK	0.00, 0.40, 0.40, 0.05
HSL	0°, 77%, 76%
HSV	0°, 40%, 95%
XYZ	51.5119, 40.9959, 31.9861
YIQ	173.7040, 57.2160, 20.3520

Conversions

Conversions Part 2

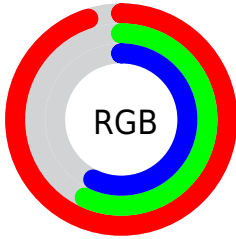
Format	Color
R _Y B	241, 145, 145
Decimal	15831441
CIE Lab	70.17, 36.22, 15.62
CIE LCh	70, 39.445, 23.331
Yxy	40.9959, 0.4138, 0.3293
Android (android.graphics.Color)	4294021521 (0xFFFF19191)
YUV	173.7040, -14.1511, 59.0186
Hunter-Lab	64.0280, 31.5579, 15.2005

Details

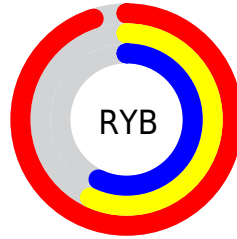
The XYZ color **51.5119, 40.9959, 31.9861** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.0082, 75.2782, 94.6392**, and the grayscale version is **40.1310, 42.2209, 45.9786**.

A 20% lighter version of the original color is **72.2031, 66.6921, 63.1002**, and **25.2713, 18.6000, 13.0847** is the 20% darker color. If you saturate the color by 10%, you get **46.5470, 33.7312, 22.1149**, and if you desaturate by 10%, it is **57.6541, 49.9842, 44.1951**.

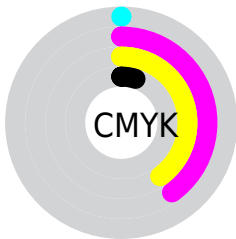
Distribution



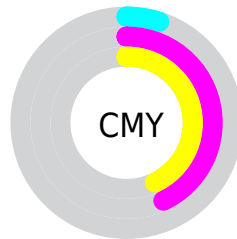
- Red (95%)
- Green (57%)
- Blue (57%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5119, 40.9959, 31.9861 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 51.5119, 40.9959, 31.9861 by changing the saturation by 10% instead.


 51.5119, 40.9959,
31.9861

 51.5119, 40.9959,
31.9861


382.9043,
350.3035, 325.5467

 36.8389, 28.3159,
21.0862


 91.5895, 76.6777,
63.8870

 25.2559, 18.5639,
12.9951


 117.7248,
100.4482, 85.7249

 16.3975, 11.3556,
7.2945


148.4115,
128.6844, 112.0460

 9.8985, 6.3065,
3.5657

184.0150,
161.7706, 143.2687

 5.3935, 3.0324,
1.3903

224.9007,
200.0912, 179.8116

 2.5170, 1.1487,
0.1341

271.4339,

 0.9039, 0.0192,

244.0306, 222.0932

0.0000

323.9800,
293.9732, 270.5321

■ 0.0000, 0.0000,
0.0000

■ 51.5119, 40.9959,
31.9861

■ 51.5119, 40.9959,
31.9861

■ 46.5470, 33.7312,
22.1149

■ 57.6541, 49.9842,
44.1951

■ 42.6811, 28.0743,
14.4300

■ 65.0388, 60.7901,
58.8756

■ 39.8319, 23.9050,
8.7662

■ 73.7301, 73.5080,
76.1537

■ 37.9038, 21.0835,
4.9336

■ 83.7870, 88.2240,
96.1465

■ 36.7831, 19.4435,
2.7060

■ 90.0857, 97.4408,
108.6677

■ 36.2823, 18.7107,
1.7107

■ 36.2758, 18.7011,
1.6977

Harmonies

Analogous

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



52.6415, 40.9959, 48.8953



51.5119, 40.9959, 31.9861



46.8590, 40.9959, 21.7626

Triad

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



51.5119, 40.9959, 31.9861



29.8323, 40.9959, 26.5941



37.5413, 40.9959, 90.0793

Complementary

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



51.5119, 40.9959, 31.9861



59.0082, 75.2782, 94.6392

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.



32.0121, 40.9959, 79.6575



51.5119, 40.9959, 31.9861



27.8903, 40.9959, 40.6345

Square

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



51.5119, 40.9959, 31.9861



34.2529, 40.9959, 19.3038



28.6419, 40.9959, 60.2499



44.0914, 40.9959, 85.8881

Rectangle

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



51.5119, 40.9959, 31.9861



42.6359, 40.9959, 18.5070



28.6419, 40.9959, 60.2499



35.5118, 40.9959, 88.0924

Sweetspot

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



51.5130, 40.9979, 31.9869



81.5126, 80.1910, 81.9880



62.2784, 45.3028, 88.6810



17.1609, 16.7454, 16.9798



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.



51.5130, 40.9979, 31.9869



53.7798, 39.6100, 26.8567



60.4567, 58.8853, 34.9681



15.7729, 15.7590, 16.3602



19.6716, 10.1412, 0.9206



1.6365, 0.8437, 0.0766

Inverse Universe

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



59.0082, 75.2782, 94.6392



63.4176, 83.6897, 107.4190



46.6245, 50.5109, 90.5113



16.2474, 17.9288, 20.3259



25.6652, 37.5547, 51.0240



2.1351, 3.1242, 4.2447

Previews

White Background



This preview shows how the XYZ color 51.5119, 40.9959, 31.9861 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 51.5119, 40.9959, 31.9861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

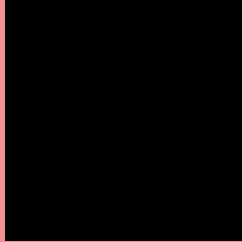
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5119, 40.9959, 31.9861

Background



This preview shows how black text looks on a background with the XYZ color 51.5119, 40.9959, 31.9861.



This preview shows how white text looks on a background with the XYZ color 51.5119, 40.9959,

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

51.5119, 40.9959, 31.9861

Protanopia

39.0946, 41.0594, 38.2125

Deuteranopia

41.8160, 40.9755, 30.9044



Tritanopia

52.4239, 41.1569, 35.7529

Trichromacy



Original Color

51.5119, 40.9959, 31.9861

Protanomaly

42.7575, 40.5581, 35.7119

Deuteranomaly

44.8409, 40.7029, 31.0843

Tritanomaly

52.1771, 41.0581, 34.4531

Monochromacy



Original Color

51.5119, 40.9959, 31.9861

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.9968, 40.8445, 40.2679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5119, 40.9959, 31.9861 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(241, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(241, 145, 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(241, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 145, 145) }
```

Border

The CSS property to change the border of an element to XYZ 51.5119, 40.9959, 31.9861 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(241, 145, 145) }
```


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

```
.border{ border-color:rgb(241, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(241, 145,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5119, 40.9959, 31.9861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 145, 145) }
```

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

```
.background{ background-color: rgb(241,  
145, 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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