

Converting Colors

XYZ(52.0435, 41.0554, 31.6495)

Have a look what the booklet for
XYZ(52.0435, 41.0554, 31.6495)
contains.

| | |
|--|----|
| XYZ(51.9694, 41.0148, 31.5631) | 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(51.9694, 41.0148,
31.5631)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F39090 |
| RGB | 243, 144, 144 |
| RGB Percent | 95%, 56%, 56% |
| CMY | 0.0471, 0.4353, 0.4353 |
| CMYK | 0.00, 0.41, 0.41, 0.05 |
| HSL | 0°, 80%, 76% |
| HSV | 0°, 41%, 95% |
| XYZ | 51.9694, 41.0148, 31.5631 |
| YIQ | 173.6010, 59.0040, 20.9880 |

Conversions

Conversions Part 2

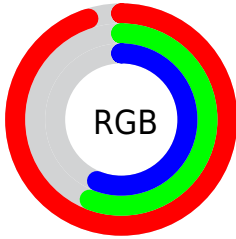
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 243, 144, 144 |
| Decimal | 15962256 |
| CIE Lab | 70.19, 37.37, 16.23 |
| CIE LCh | 70, 40.740, 23.482 |
| Yxy | 41.0148, 0.4173, 0.3293 |
| Android (android.graphics.Color) | 4294152336 (0xFFFF39090) |
| YUV | 173.6010, -14.5933, 60.8629 |
| Hunter-Lab | 64.0428, 32.7741, 15.6092 |

Details

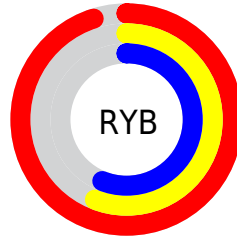
The XYZ color **51.9694, 41.0148, 31.5631** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.7282, 76.4981, 96.4114**, and the grayscale version is **40.0798, 42.1670, 45.9199**.

A 20% lighter version of the original color is **71.8565, 66.1841, 62.4136**, and **25.6147, 18.6528, 12.8400** is the 20% darker color. If you saturate the color by 10%, you get **47.0155, 33.7663, 21.7139**, and if you desaturate by 10%, it is **58.1171, 50.0112, 43.7830**.

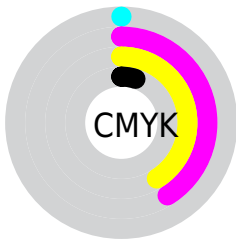
Distribution



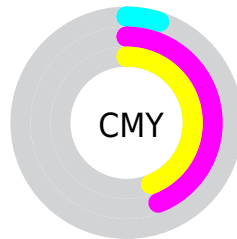
- Red (95%)
- Green (56%)
- Blue (56%)



- Red (95%)
- Yellow (56%)
- Blue (56%)



- Cyan (0%)
- Magenta (41%)
- Yellow (41%)
- Black (5%)





- Cyan (5%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9694, 41.0148, 31.5631 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 51.9694, 41.0148, 31.5631 by changing the saturation by 10% instead.


 51.9694, 41.0148,
31.5631


 51.9694, 41.0148,
31.5631


384.6444,
350.3825, 323.5554

 37.2049, 28.3306,
20.7660


 92.2606, 76.7064,
63.2155

 25.5405, 18.5751,
12.7635

 118.5180,
100.4826, 84.9078

 16.6111, 11.3636,
7.1371

149.3370,
128.7249, 111.0689

 10.0512, 6.3120,
3.4682

185.0830,
161.8178, 142.1173

 5.4954, 3.0357,
1.3384

226.1214,
200.1456, 178.4717

 2.5785, 1.1504,
0.0930

272.8175,

 0.9350, 0.0206,

244.0927, 220.5504

0.0000

325.5367,
294.0435, 268.7721

■ 0.0000, 0.0000,
0.0000

■ 51.9694, 41.0148,
31.5631

■ 51.9694, 41.0148,
31.5631

■ 47.0155, 33.7663,
21.7139

■ 58.1171, 50.0112,
43.7830

■ 43.1751, 28.1466,
14.0796

■ 65.5258, 60.8521,
58.5111

■ 40.3629, 24.0315,
8.4894

■ 74.2613, 73.6347,
75.8771

■ 38.4802, 21.2763,
4.7470

■ 84.3841, 88.4472,
96.0011

■ 37.4086, 19.7082,
2.6171

■ 90.7721, 97.7946,
108.6998

■ 36.9622, 19.0549,
1.7298

Harmonies

Analogous

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



53.1645, 41.0148, 48.9589



51.9694, 41.0148, 31.5631



47.1243, 41.0148, 21.1653

Triad

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



51.9694, 41.0148, 31.5631



29.5578, 41.0148, 26.1726



37.5455, 41.0148, 91.9944

Complementary

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



51.9694, 41.0148, 31.5631



59.7282, 76.4981, 96.4114

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.



31.8385, 41.0148, 81.1593



51.9694, 41.0148, 31.5631



27.5789, 41.0148, 40.6169

Square

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



51.9694, 41.0148, 31.5631



34.0930, 41.0148, 18.7305



28.3636, 41.0148, 60.9509



44.3202, 41.0148, 87.5285

Rectangle

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



51.9694, 41.0148, 31.5631



42.7447, 41.0148, 17.8884



28.3636, 41.0148, 60.9509



35.4494, 41.0148, 89.9401

Sweetspot

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



51.9705, 41.0168, 31.5639



81.5126, 80.1911, 81.9880



63.1131, 45.4725, 90.2445



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.



51.9705, 41.0168, 31.5639



53.2629, 38.8535, 25.8289



61.1770, 59.4298, 34.6327



16.4993, 16.4827, 17.1094



20.2863, 10.4581, 0.9494



1.7830, 0.9192, 0.0835

Inverse Universe

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



59.7282, 76.4981, 96.4114



63.0213, 83.4852, 107.4004



46.8602, 50.7620, 92.1221



16.9967, 18.7577, 21.2673



26.4672, 38.7281, 52.6183



2.3262, 3.4039, 4.6246

Previews

White Background



This preview shows how the XYZ color 51.9694, 41.0148, 31.5631 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 51.9694, 41.0148, 31.5631 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 51.9694, 41.0148, 31.5631

Background



This preview shows how black text looks on a background with the XYZ color 51.9694, 41.0148, 31.5631.



This preview shows how white text looks on a background with the XYZ color 51.9694, 41.0148,

31.5631.

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

51.9694, 41.0148, 31.5631

Protanopia

39.0946, 41.0594, 38.2125

Deuteranopia

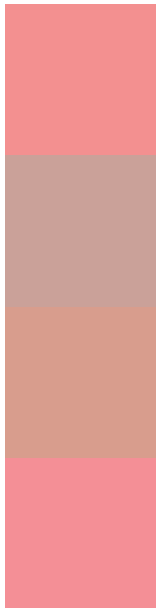
42.0082, 41.0831, 30.5267



Tritanopia

52.8805, 41.1779, 35.2980

Trichromacy



Original Color

51.9694, 41.0148, 31.5631

Protanomaly

42.8518, 40.3462, 35.6661

Deuteranomaly

45.1836, 40.6360, 30.6614

Tritanomaly

52.6357, 41.0800, 34.0092

Monochromacy



Original Color

51.9694, 41.0148, 31.5631

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

43.2612, 40.9808, 40.2803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9694, 41.0148, 31.5631 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, 144, 144)` looks like.

```
.text, #text, p{  
    color:rgb(243, 144, 144)  
}
```

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, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 144, 144) }
```

Border

The CSS property to change the border of an element to XYZ 51.9694, 41.0148, 31.5631 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, 144, 144) }
```


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

```
.border{ border-color:rgb(243, 144, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 144, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 144, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 144, 144);  
box-shadow:4px 4px 4px 4px rgb(243, 144,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9694, 41.0148, 31.5631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 144, 144) }
```

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

```
.background{ background-color: rgb(243,  
144, 144) }
```

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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