

Converting Colors

XYZ(50.9504, 40.4979, 31.5185)

Have a look what the booklet for
XYZ(50.9504, 40.4979, 31.5185)
contains.

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Color

**XYZ(50.9425, 40.4854,
31.5151)**

Conversions

Conversions Part 1

Format	Color
Hex	F09090
RGB	240, 144, 144
RGB Percent	94%, 56%, 56%
CMY	0.0588, 0.4353, 0.4353
CMYK	0.00, 0.40, 0.40, 0.06
HSL	0°, 76%, 75%
HSV	0°, 40%, 94%
XYZ	50.9425, 40.4854, 31.5151
YIQ	172.7040, 57.2160, 20.3520

Conversions

Conversions Part 2

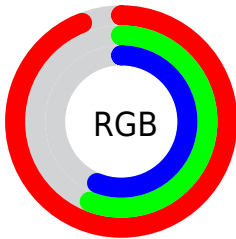
Format	Color
RYB	240, 144, 144
Decimal	15765648
CIELab	69.81, 36.26, 15.66
CIElCh	70, 39.497, 23.356
Yxy	40.4854, 0.4144, 0.3293
Android (android.graphics.Color)	4293955728 (0xFFFF0909)
YUV	172.7040, -14.1511, 59.0186
Hunter-Lab	63.6281, 31.5629, 15.1733

Details

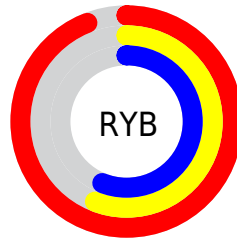
The XYZ color **50.9425, 40.4854, 31.5151** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.3885, 74.5377, 93.7479**, and the grayscale version is **39.6201, 41.6835, 45.3933**.

A 20% lighter version of the original color is **71.8565, 66.1841, 62.4136**, and **24.9036, 18.2862, 12.8067** is the 20% darker color. If you saturate the color by 10%, you get **46.0428, 33.3162, 21.7736**, and if you desaturate by 10%, it is **57.0068, 49.3596, 43.5692**.

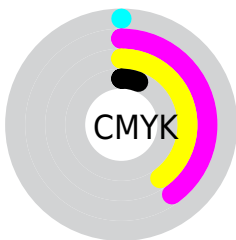
Distribution



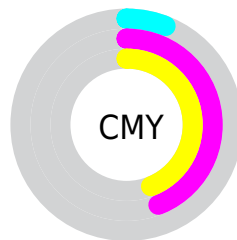
- Red (94%)
- Green (56%)
- Blue (56%)



- Red (94%)
- Yellow (56%)
- Blue (56%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (6%)





- Cyan (6%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9425, 40.4854, 31.5151 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 50.9425, 40.4854, 31.5151 by changing the saturation by 10% instead.


 50.9425, 40.4854,
31.5151

 50.9425, 40.4854,
31.5151


380.7317,
348.1652, 323.3288

 36.3837, 27.9172,
20.7297


 90.7533, 75.9021,
63.1392

 24.9022, 18.2633,
12.7372

 116.7360, 99.5194,
84.8149

 16.1325, 11.1392,
7.1192

147.2573,
127.5885, 110.9578

 9.7094, 6.1605,
3.4572

182.6827,
160.4938, 141.9864

 5.2675, 2.9429,
1.3326

223.3775,
198.6198, 178.3193

 2.4414, 1.1020,
0.0883

269.7070,

 0.8658, 0.0000,

242.3507, 220.3749

0.0000

322.0366,
292.0711, 268.5719

■ 0.0000, 0.0000,
0.0000

■ 50.9425, 40.4854,
31.5151

■ 50.9425, 40.4854,
31.5151

■ 46.0428, 33.3162,
21.7736

■ 57.0068, 49.3596,
43.5692

■ 42.2303, 27.7372,
14.1947

■ 64.3002, 60.0321,
58.0682

■ 39.4230, 23.6293,
8.6142

■ 72.8865, 72.5962,
75.1375

■ 37.5261, 20.8535,
4.8437

■ 82.8240, 87.1375,
94.8929

■ 36.4270, 19.2450,
2.6590

■ 89.7452, 97.2653,
108.6517

■ 35.9353, 18.5256,
1.6818

■ 35.9353, 18.5255,
1.6818

Harmonies

Analogous

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



52.0687, 40.4854, 48.2938



50.9425, 40.4854, 31.5151



46.3161, 40.4854, 21.3900

Triad

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



50.9425, 40.4854, 31.5151



29.4129, 40.4854, 26.1902



37.0715, 40.4854, 89.2673

Complementary

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



50.9425, 40.4854, 31.5151



58.3885, 74.5377, 93.7479

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.



31.5819, 40.4854, 78.9075



50.9425, 40.4854, 31.5151



27.4889, 40.4854, 40.1220

Square

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



50.9425, 40.4854, 31.5151



33.7973, 40.4854, 18.9656



28.2366, 40.4854, 59.6106



43.5768, 40.4854, 85.0838

Rectangle

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



50.9425, 40.4854, 31.5151



42.1200, 40.4854, 18.1714



28.2366, 40.4854, 59.6106



35.0563, 40.4854, 87.2940

Sweetspot

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



50.9436, 40.4874, 31.5159



81.5126, 80.1910, 81.9880



61.6368, 44.7634, 87.8296



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.



50.9436, 40.4874, 31.5159



53.7798, 39.6100, 26.8567



59.8191, 58.2384, 34.4744



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.



58.3885, 74.5377, 93.7479



63.4177, 83.6897, 107.4190



46.0797, 49.9202, 89.6449



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 50.9425, 40.4854, 31.5151 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 50.9425, 40.4854, 31.5151 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 50.9425, 40.4854, 31.5151

Background



This preview shows how black text looks on a background with the XYZ color 50.9425, 40.4854, 31.5151.



This preview shows how white text looks on a background with the XYZ color 50.9425, 40.4854,

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

50.9425, 40.4854, 31.5151

Protanopia

38.5920, 40.5309, 37.6875

Deuteranopia

41.2978, 40.4501, 30.4420



Tritanopia

51.8479, 40.6456, 35.2497

Trichromacy



Original Color

50.9425, 40.4854, 31.5151

Protanomaly

42.2318, 40.0361, 35.2076

Deuteranomaly

44.3053, 40.1832, 30.6203

Tritanomaly

51.6031, 40.5477, 33.9609

Monochromacy



Original Color

50.9425, 40.4854, 31.5151

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.4679, 40.3196, 39.7266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9425, 40.4854, 31.5151 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(240, 144, 144)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 144, 144) }
```

Border

The CSS property to change the border of an element to XYZ 50.9425, 40.4854, 31.5151 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(240, 144, 144) }
```


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

```
.border{ border-color:rgb(240, 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(240, 144, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 144, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 144, 144);  
box-shadow:4px 4px 4px 4px rgb(240, 144,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9425, 40.4854, 31.5151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 144, 144) }
```

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

```
.background{ background-color: rgb(240,  
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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