

Converting Colors

XYZ(41.5951, 24.7722, 10.4717)

Have a look what the booklet for
XYZ(41.5951, 24.7722, 10.4717)
contains.

XYZ(41.5239, 24.7716, 10.3774)	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(41.5239, 24.7716,
10.3774)**

Conversions

Conversions Part 1

Format	Color
Hex	F54951
RGB	245, 73, 81
RGB Percent	96%, 29%, 32%
CMY	0.0392, 0.7137, 0.6824
CMYK	0.00, 0.70, 0.67, 0.04
HSL	357°, 90%, 62%
HSV	357°, 70%, 96%
XYZ	41.5239, 24.7716, 10.3774
YIQ	125.3400, 99.9440, 38.9520

Conversions

Conversions Part 2

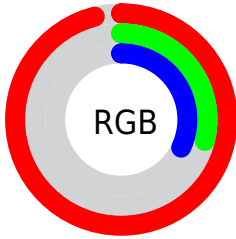
Format	Color
R_{YB}	245, 73, 81
Decimal	16075089
CIE Lab	56.85, 65.38, 34.25
CIE LCh	57, 73.804, 27.650
Yxy	24.7716, 0.5416, 0.3231
Android (android.graphics.Color)	4294265169 (0xFFFF54951)
YUV	125.3400, -21.8596, 104.9418
Hunter-Lab	49.7711, 61.8228, 22.4776

Details

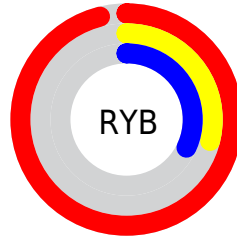
The XYZ color **41.5239, 24.7716, 10.3774** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **50.6883, 72.8363, 91.5159**, and the grayscale version is **19.6569, 20.6806, 22.5212**.

A 20% lighter version of the original color is **53.5205, 39.3742, 25.8982**, and **19.3745, 9.9511, 2.5687** is the 20% darker color. If you saturate the color by 10%, you get **39.4885, 21.8702, 6.0950**, and if you desaturate by 10%, it is **44.4952, 29.0634, 16.4581**.

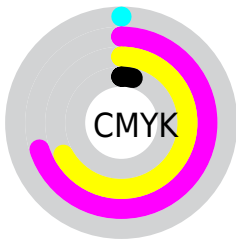
Distribution



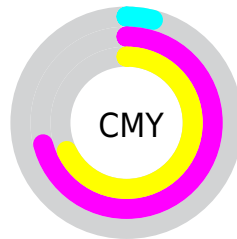
- Red (96%)
- Green (29%)
- Blue (32%)



- Red (96%)
- Yellow (29%)
- Blue (32%)



- Cyan (0%)
- Magenta (70%)
- Yellow (67%)
- Black (4%)





- Cyan (4%)
- Magenta (71%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5239, 24.7716, 10.3774 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 41.5239, 24.7716, 10.3774 by changing the saturation by 10% instead.


 41.5239, 24.7716,
10.3774


 41.5239, 24.7716,
10.3774

343.5308,
276.6986, 203.9265


 28.9182, 15.9070,
5.5410


 76.7483, 51.2864,
27.1218

 19.1629, 9.4583,
2.5038


 100.0976, 69.7055,
39.8669


 11.8927, 5.0413,
0.8422


 127.7588, 92.0781,
56.0854

 6.7424, 2.2715,
0.0000

 160.0973,
118.7886, 76.1957

 3.3464, 0.7586,
0.0000

 197.4783,
150.2216, 100.6164

 1.3395, 0.0000,
0.0000

240.2674,

 0.2125, 0.0000,

186.7613, 129.7661

0.0000

288.8298,
228.7922, 164.0633

■ 0.0000, 0.0000,
0.0000

■ 41.5239, 24.7716,
10.3774

■ 41.5239, 24.7716,
10.3774

■ 39.4885, 21.8702,
6.0950

■ 44.4952, 29.0634,
16.4581

■ 38.2756, 20.1832,
3.4128


■ 48.4950, 34.8855,
24.5047


■ 37.7186, 19.4374,
2.0921

■ 53.6068, 42.3653,
34.6668

■ 59.9047, 51.6159,
47.0794

■ 67.4569, 62.7405,
61.8660

 76.3261, 75.8342,
79.1414

 86.5710, 90.9859,
99.0127

 91.4659, 98.1524,
108.7323

Harmonies

Analogous

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



44.3321, 24.7716, 28.9685



41.5239, 24.7716, 10.3774



33.5917, 24.7716, 3.4451

Triad

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



41.5239, 24.7716, 10.3774



12.1203, 24.7716, 8.6920



22.8706, 24.7716, 107.8238

Complementary

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



41.5239, 24.7716, 10.3774



50.6883, 72.8363, 91.5159

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.



15.7319, 24.7716, 90.3744



41.5239, 24.7716, 10.3774



10.5477, 24.7716, 25.0695

Square

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



41.5239, 24.7716, 10.3774



16.6502, 24.7716, 2.9740



11.6884, 24.7716, 55.5998



32.1198, 24.7716, 94.8095

Rectangle

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



41.5239, 24.7716, 10.3774



27.2767, 24.7716, 2.0854



11.6884, 24.7716, 55.5998



20.1696, 24.7716, 105.1754

Sweetspot

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



41.5245, 24.7731, 10.3778



73.1233, 67.6000, 66.2815



53.5896, 29.2605, 89.2090



15.1384, 13.7130, 13.1841



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.



41.5245, 24.7731, 10.3778



42.6181, 23.0689, 5.3096



49.8302, 41.8361, 11.7542



16.5303, 16.4950, 17.2733



20.3335, 10.4769, 1.1988



1.7979, 0.9251, 0.1620

Inverse Universe

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



41.5245, 24.7731, 10.3778



42.6181, 23.0689, 5.3096



33.1596, 35.8690, 91.5614



16.5303, 16.4950, 17.2733



20.3335, 10.4769, 1.1988



1.7979, 0.9251, 0.1620

Previews

White Background



This preview shows how the XYZ color 41.5239, 24.7716, 10.3774 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 41.5239, 24.7716, 10.3774 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 × Fail

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

XYZ 41.5239, 24.7716, 10.3774

Background



This preview shows how black text looks on a background with the XYZ color 41.5239, 24.7716, 10.3774.



This preview shows how white text looks on a background with the XYZ color 41.5239, 24.7716,

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

41.5239, 24.7716, 10.3774

Protanopia

23.4012, 25.0429, 17.2361

Deuteranopia

25.3008, 24.7580, 9.5762



Tritanopia

41.4445, 24.8459, 9.6325

Trichromacy



Original Color

41.5239, 24.7716, 10.3774

Protanomaly

27.4664, 22.8428, 14.2707

Deuteranomaly

29.5036, 23.1810, 9.5760

Tritanomaly

41.4801, 24.8601, 9.8200

Monochromacy



Original Color

41.5239, 24.7716, 10.3774

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

24.2765, 19.8472, 17.0194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5239, 24.7716, 10.3774 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(245, 73, 81)` looks like.

```
.text, #text, p{  
    color:rgb(245, 73, 81)  
}
```

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(245, 73, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 73, 81) }
```

Border

The CSS property to change the border of an element to XYZ 41.5239, 24.7716, 10.3774 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(245, 73, 81) }
```


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

```
.border{ border-color:rgb(245, 73, 81) }
```

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

Here you see how a box with a 4 pixel rgb(245, 73, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 73, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 73, 81);  
box-shadow:4px 4px 4px 4px rgb(245, 73,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5239, 24.7716, 10.3774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 73, 81) }
```

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

```
.background{ background-color: rgb(245, 73,  
81) }
```

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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