

Converting Colors

XYZ(41.4801, 24.8601, 9.8200)

Have a look what the booklet for
XYZ(41.4801, 24.8601, 9.8200)
contains.

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Color

**XYZ(41.4801, 24.8601,
9.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	F54A4E
RGB	245, 74, 78
RGB Percent	96%, 29%, 31%
CMY	0.0392, 0.7098, 0.6941
CMYK	0.00, 0.70, 0.68, 0.04
HSL	359°, 90%, 63%
HSV	359°, 70%, 96%
XYZ	41.4801, 24.8601, 9.8200
YIQ	125.5850, 100.6320, 37.4960

Conversions

Conversions Part 2

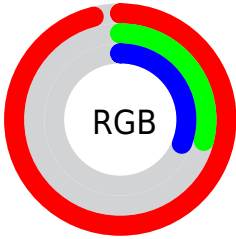
Format	Color
R_{YB}	245, 74, 78
Decimal	16075342
CIE _{Lab}	56.94, 64.87, 36.07
CIE _{LCh}	57, 74.220, 29.073
Yxy	24.8601, 0.5446, 0.3264
Android (android.graphics.Color)	4294265422 (0xFFFF54A4E)
YUV	125.5850, -23.4594, 104.7270
Hunter-Lab	49.8599, 61.2452, 23.2247

Details

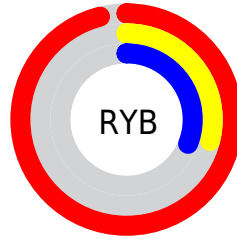
The XYZ color **41.4801, 24.8601, 9.8200** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **51.3558, 73.1122, 94.6324**, and the grayscale version is **19.7450, 20.7733, 22.6221**.

A 20% lighter version of the original color is **53.3220, 39.2948, 24.8530**, and **19.3306, 9.9336, 2.3374** is the 20% darker color. If you saturate the color by 10%, you get **39.4433, 21.9191, 5.6509**, and if you desaturate by 10%, it is **44.4664, 29.2017, 15.8448**.

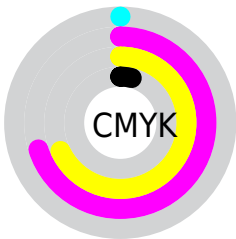
Distribution



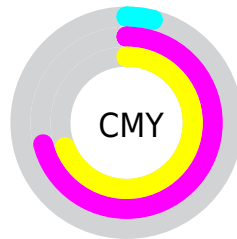
- Red (96%)
- Green (29%)
- Blue (31%)



- Red (96%)
- Yellow (29%)
- Blue (31%)



- Cyan (0%)
- Magenta (70%)
- Yellow (68%)
- Black (4%)





- Cyan (4%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4801, 24.8601, 9.8200 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 41.4801, 24.8601, 9.8200 by changing the saturation by 10% instead.


 41.4801, 24.8601,
9.8200


 41.4801, 24.8601,
9.8200


343.3516,
277.1405, 199.8204

 28.8837, 15.9729,
5.1757


 76.6823, 51.4302,
26.0589

 19.1367, 9.5049,
2.2902


 100.0188, 69.8818,
38.4906


 11.8737, 5.0720,
0.7257


 127.6661, 92.2903,
54.3552

 6.7293, 2.2896,
0.0000

 159.9895,
119.0402, 74.0712

 3.3382, 0.7682,
0.0000

 197.3545,
150.5157, 98.0572

 1.3350, 0.0000,
0.0000

240.1262,

 0.2092, 0.0000,

187.1014, 126.7317

0.0000

288.6701,
229.1815, 160.5133

■ 0.0000, 0.0000,
0.0000

■ 41.4801, 24.8601,
9.8200

■ 41.4801, 24.8601,
9.8200

■ 39.4433, 21.9191,
5.6509

■ 44.4664, 29.2017,
15.8448

■ 38.2400, 20.2026,
3.1220

■ 48.4970, 35.0839,
23.9063


■ 37.6955, 19.4371,
1.9434


■ 53.6572, 42.6344,
34.1651


■ 37.6872, 19.4249,
1.9272

■ 60.0228, 51.9667,
46.7656

■ 67.6633, 63.1841,
61.8398

 76.6428, 76.3822,
79.5099

 87.0210, 91.6501,
99.8902

 91.4659, 98.1523,
108.7323

Harmonies

Analogous

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



44.6216, 24.8601, 27.8508



41.4801, 24.8601, 9.8200



33.3150, 24.8601, 3.2576

Triad

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



41.4801, 24.8601, 9.8200



11.9843, 24.8601, 9.1529



23.3592, 24.8601, 108.8297

Complementary

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



41.4801, 24.8601, 9.8200



51.3558, 73.1122, 94.6324

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.



16.0295, 24.8601, 92.5085



41.4801, 24.8601, 9.8200



10.5352, 24.8601, 26.3008

Square

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



41.4801, 24.8601, 9.8200



16.3941, 24.8601, 3.0723



11.8130, 24.8601, 57.6751



32.7292, 24.8601, 94.2780

Rectangle

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



41.4801, 24.8601, 9.8200



26.9449, 24.8601, 2.0127



11.8130, 24.8601, 57.6751



20.5966, 24.8601, 106.6632

Sweetspot

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



41.4807, 24.8616, 9.8204



72.9754, 67.5409, 65.5027



54.6287, 29.8946, 89.2766



15.1041, 13.6993, 13.0037



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.



41.4807, 24.8616, 9.8204



42.5152, 23.0277, 4.7679



50.4160, 42.9541, 12.1144



16.5148, 16.4888, 17.1916



20.3100, 10.4674, 1.0747



1.7905, 0.9221, 0.1229

Inverse Universe

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



41.4807, 24.8616, 9.8204



42.5152, 23.0277, 4.7679



32.7984, 35.0332, 91.4190



16.5148, 16.4888, 17.1916



20.3100, 10.4674, 1.0747



1.7905, 0.9221, 0.1229

Previews

White Background



This preview shows how the XYZ color 41.4801, 24.8601, 9.8200 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 41.4801, 24.8601, 9.8200 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 41.4801, 24.8601, 9.8200

Background



This preview shows how black text looks on a background with the XYZ color 41.4801, 24.8601, 9.8200.



This preview shows how white text looks on a background with the XYZ color 41.4801, 24.8601,

9.8200.

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

41.4801, 24.8601, 9.8200

Protanopia

23.3766, 25.0537, 16.1741

Deuteranopia

25.3882, 24.8176, 8.9210



Tritanopia

41.4801, 24.8601, 9.8200

Trichromacy



Original Color

41.4801, 24.8601, 9.8200

Protanomaly

27.5215, 22.8922, 13.3240

Deuteranomaly

29.7716, 23.4901, 9.0958

Tritanomaly

41.4801, 24.8601, 9.8200

Monochromacy



Original Color

41.4801, 24.8601, 9.8200

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

24.3802, 20.0545, 17.0539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4801, 24.8601, 9.8200 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, 74, 78)` looks like.

```
.text, #text, p{  
    color:rgb(245, 74, 78)  
}
```

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, 74, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 74, 78) }
```

Border

The CSS property to change the border of an element to XYZ 41.4801, 24.8601, 9.8200 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, 74, 78) }
```


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

```
.border{ border-color:rgb(245, 74, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 74, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 74, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 74, 78);  
box-shadow:4px 4px 4px 4px rgb(245, 74,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4801, 24.8601, 9.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 74, 78) }
```

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

```
.background{ background-color: rgb(245, 74,  
78) }
```

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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