

Converting Colors

XYZ(39.9676, 24.2733, 10.1681)

Have a look what the booklet for
XYZ(39.9676, 24.2733, 10.1681)
contains.

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Color

**XYZ(39.9676, 24.2733,
10.1681)**

Conversions

Conversions Part 1

Format	Color
Hex	F04C50
RGB	240, 76, 80
RGB Percent	94%, 30%, 31%
CMY	0.0588, 0.7019, 0.6863
CMYK	0.00, 0.68, 0.67, 0.06
HSL	359°, 85%, 62%
HSV	359°, 68%, 94%
XYZ	39.9676, 24.2733, 10.1681
YIQ	125.4920, 96.4600, 36.0120

Conversions

Conversions Part 2

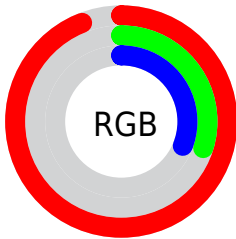
Format	Color
R_{YB}	240, 76, 80
Decimal	15748176
CIE _{Lab}	56.36, 62.69, 34.02
CIE _{LCh}	56, 71.331, 28.486
Yxy	24.2733, 0.5371, 0.3262
Android (android.graphics.Color)	4293938256 (0xFFFF04C50)
YUV	125.4920, -22.4276, 100.4235
Hunter-Lab	49.2679, 58.5855, 22.2511

Details

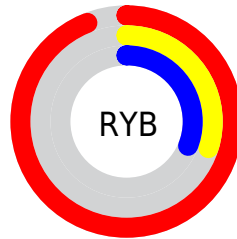
The XYZ color **39.9676, 24.2733, 10.1681** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **49.2829, 69.9135, 90.2612**, and the grayscale version is **19.7109, 20.7374, 22.5830**.

A 20% lighter version of the original color is **53.7275, 39.8952, 25.6377**, and **18.4348, 9.4685, 2.4461** is the 20% darker color. If you saturate the color by 10%, you get **37.8917, 21.2734, 5.9259**, and if you desaturate by 10%, it is **42.9623, 28.6292, 16.2035**.

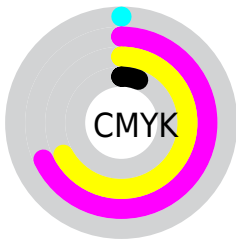
Distribution



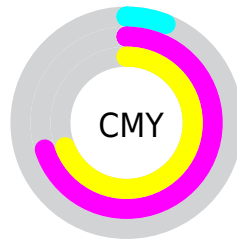
- Red (94%)
- Green (30%)
- Blue (31%)



- Red (94%)
- Yellow (30%)
- Blue (31%)



- Cyan (0%)
- Magenta (68%)
- Yellow (67%)
- Black (6%)





- Cyan (6%)
- Magenta (70%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9676, 24.2733, 10.1681 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 39.9676, 24.2733, 10.1681 by changing the saturation by 10% instead.

 39.9676, 24.2733,
10.1681


 39.9676, 24.2733,
10.1681


337.1238,
274.1993, 202.3959


 27.6974, 15.5365,
5.4035


 74.3988, 50.4758,
26.7239

 18.2370, 9.1968,
2.4231


 97.2905, 68.7103,
39.3523

 11.2210, 4.8697,
0.7990


 124.4535, 90.8795,
55.4389

 6.2840, 2.1710,
0.0000

 156.2530,
117.3677, 75.4024

 3.0609, 0.7041,
0.0000

 193.0544,
148.5594, 99.6613

 1.1860, 0.0000,
0.0000

235.2231,

 0.0953, 0.0000,

184.8390, 128.6342

0.0000

283.1244,
226.5908, 162.7395

■ 0.0000, 0.0000,
0.0000

■ 39.9676, 24.2733,
10.1681

■ 39.9676, 24.2733,
10.1681

■ 37.8917, 21.2734,
5.9259

■ 42.9623, 28.6292,
16.2035

■ 36.6274, 19.4669,
3.2783

■ 46.9638, 34.4710,
24.1999


■ 36.0320, 18.6336,
1.9776


■ 52.0516, 41.9183,
34.3069

■ 35.9670, 18.5380,
1.8502

■ 58.2968, 51.0771,
46.6595

■ 65.7645, 62.0446,
61.3814

 74.5151, 74.9106,
78.5873

 84.6046, 89.7590,
98.3845

 89.7450, 97.2652,
108.6517

Harmonies

Analogous

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



42.7877, 24.2733, 27.6452



39.9676, 24.2733, 10.1681



32.3734, 24.2733, 3.5593

Triad

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



39.9676, 24.2733, 10.1681



12.0366, 24.2733, 9.1099



22.6554, 24.2733, 102.5823

Complementary

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



39.9676, 24.2733, 10.1681



49.2829, 69.9135, 90.2612

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.



15.7468, 24.2733, 86.9747



39.9676, 24.2733, 10.1681



10.5894, 24.2733, 25.2500

Square

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



39.9676, 24.2733, 10.1681



16.3150, 24.2733, 3.2538



11.7677, 24.2733, 54.4830



31.4741, 24.2733, 89.6512

Rectangle

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



39.9676, 24.2733, 10.1681



26.3770, 24.2733, 2.2476



11.7677, 24.2733, 54.4830



20.0536, 24.2733, 100.3842

Sweetspot

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



39.9682, 24.2747, 10.1685



73.8814, 68.8652, 67.3085



52.4203, 29.0444, 85.2809



15.2804, 13.9566, 13.3560



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.



39.9682, 24.2747, 10.1685



42.8104, 23.4451, 5.3995



48.5558, 41.6789, 12.3251



15.7884, 15.7651, 16.4419



19.6959, 10.1508, 1.0495



1.6440, 0.8466, 0.1160

Inverse Universe

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



39.9682, 24.2747, 10.1685



42.8104, 23.4451, 5.3995



31.8905, 34.1902, 87.3562



15.7884, 15.7651, 16.4419



19.6959, 10.1508, 1.0495



1.6440, 0.8466, 0.1160

Previews

White Background



This preview shows how the XYZ color 39.9676, 24.2733, 10.1681 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 39.9676, 24.2733, 10.1681 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 39.9676, 24.2733, 10.1681

Background



This preview shows how black text looks on a background with the XYZ color 39.9676, 24.2733, 10.1681.



This preview shows how white text looks on a background with the XYZ color 39.9676, 24.2733,

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

39.9676, 24.2733, 10.1681

Protanopia

22.7892, 24.3270, 16.3264

Deuteranopia

24.7135, 24.2624, 9.3418



Tritanopia

39.9676, 24.2733, 10.1681

Trichromacy



Original Color

39.9676, 24.2733, 10.1681

Protanomaly

26.9053, 22.5641, 13.7637

Deuteranomaly

28.8043, 22.9837, 9.3967

Tritanomaly

39.9676, 24.2733, 10.1681

Monochromacy



Original Color

39.9676, 24.2733, 10.1681

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

23.9544, 19.8350, 17.0340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9676, 24.2733, 10.1681 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, 76, 80)` looks like.

```
.text, #text, p{  
    color:rgb(240, 76, 80)  
}
```

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, 76, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 76, 80) }
```

Border

The CSS property to change the border of an element to XYZ 39.9676, 24.2733, 10.1681 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, 76, 80) }
```


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

```
.border{ border-color:rgb(240, 76, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 76, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 76, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 76, 80);  
box-shadow:4px 4px 4px 4px rgb(240, 76,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9676, 24.2733, 10.1681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 76, 80) }
```

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

```
.background{ background-color: rgb(240, 76,  
80) }
```

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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