

Converting Colors

XYZ(40.1957, 23.9567, 10.9721)

Have a look what the booklet for
XYZ(40.1957, 23.9567, 10.9721)
contains.

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Color

**XYZ(40.1932, 23.9756,
10.8968)**

Conversions

Conversions Part 1

Format	Color
Hex	F14854
RGB	241, 72, 84
RGB Percent	95%, 28%, 33%
CMY	0.0549, 0.7176, 0.6706
CMYK	0.00, 0.70, 0.65, 0.05
HSL	356°, 86%, 61%
HSV	356°, 70%, 95%
XYZ	40.1932, 23.9756, 10.8968
YIQ	123.8990, 96.8720, 39.5600

Conversions

Conversions Part 2

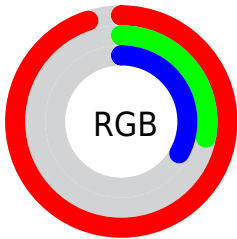
Format	Color
RYB	241, 72, 84
Decimal	15812692
CIELab	56.06, 64.68, 31.39
CIElCh	56, 71.894, 25.889
Yxy	23.9756, 0.5354, 0.3194
Android (android.graphics.Color)	4294002772 (0xFFFF14854)
YUV	123.8990, -19.6702, 102.6976
Hunter-Lab	48.9649, 60.8345, 21.0808

Details

The XYZ color **40.1932, 23.9756, 10.8968** 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 **48.2728, 69.9461, 85.0932**, and the grayscale version is **19.1668, 20.1650, 21.9597**.

A 20% lighter version of the original color is **53.6594, 39.2138, 27.2951**, and **18.7263, 9.6115, 2.7877** is the 20% darker color. If you saturate the color by 10%, you get **38.1876, 21.1509, 6.5714**, and if you desaturate by 10%, it is **43.0903, 28.1355, 16.9020**.

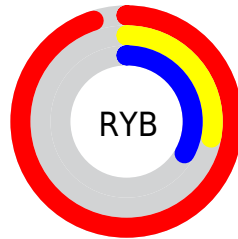
Distribution



Red (95%)

Green (28%)

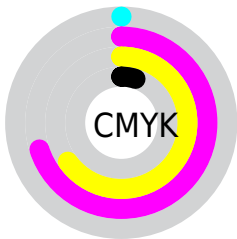
Blue (33%)



Red (95%)

Yellow (28%)

Blue (33%)

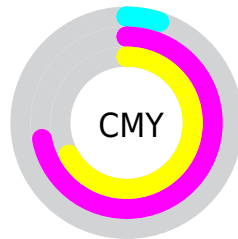


Cyan (0%)

Magenta (70%)

Yellow (65%)

Black (5%)



Cyan (5%)


Magenta (72%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1932, 23.9756, 10.8968 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 40.1932, 23.9756, 10.8968 by changing the saturation by 10% instead.

 40.1932, 23.9756,
10.8968


 40.1932, 23.9756,
10.8968


338.0577,
272.6971, 207.6701

 27.8741, 15.3155,
5.8842


 74.7401, 49.9904,
28.1029


 18.3707, 9.0411,
2.7071


 97.6986, 68.1139,
41.1335


 11.3178, 4.7680,
0.9470

 124.9343, 90.1606,
57.6738

 6.3499, 2.1118,
0.0000

 156.8125,
116.5150, 78.1423

 3.1016, 0.6713,
0.0000

 193.6985,
147.5615, 102.9577

 1.2077, 0.0000,
0.0000

235.9579,

 0.1125, 0.0000,

183.6844, 132.5384

0.0000

283.9558,
225.2681, 167.3031

■ 0.0000, 0.0000,
0.0000

■ 40.1932, 23.9756,
10.8968

■ 40.1932, 23.9756,
10.8968

■ 38.1876, 21.1509,
6.5714

■ 43.0903, 28.1355,
16.9020

■ 36.9680, 19.4941,
3.7529


■ 46.9652, 33.7637,
24.7343


■ 36.3773, 18.7414,
2.2345


■ 51.8957, 40.9816,
34.5261

■ 57.9514, 49.8970,
46.3972

■ 65.1958, 60.6082,
60.4579

 73.6878, 73.2061,
76.8107

 83.4824, 87.7753,
95.5515

 90.0854, 97.4406,
108.6677

Harmonies

Analogous

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



42.4946, 23.9756, 29.4905



40.1932, 23.9756, 10.8968



32.8633, 23.9756, 3.6900

Triad

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



40.1932, 23.9756, 10.8968



12.0374, 23.9756, 8.0466



21.6725, 23.9756, 102.4112

Complementary

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



40.1932, 23.9756, 10.8968



48.2728, 69.9461, 85.0932

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.



15.0164, 23.9756, 84.4713



40.1932, 23.9756, 10.8968



10.3687, 23.9756, 22.9897

Square

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



40.1932, 23.9756, 10.8968



16.5539, 23.9756, 2.8769



11.3113, 23.9756, 51.3122



30.4188, 23.9756, 91.7793

Rectangle

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



40.1932, 23.9756, 10.8968



26.8675, 23.9756, 2.2060



11.3113, 23.9756, 51.3122



19.1440, 23.9756, 99.3314

Sweetspot

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



40.1938, 23.9770, 10.8972



73.2812, 67.6632, 67.1133



49.8476, 27.3045, 85.8616



15.1750, 13.7277, 13.3771



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.



40.1938, 23.9770, 10.8972



42.7398, 23.1176, 5.9504



47.1816, 38.6409, 11.1046



15.8183, 15.7770, 16.5993



19.7443, 10.1701, 1.3040



1.6583, 0.8524, 0.1914

Inverse Universe

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



40.1938, 23.9770, 10.8972



42.7398, 23.1176, 5.9504



33.0356, 36.6993, 88.5610



15.8183, 15.7770, 16.5993



19.7443, 10.1701, 1.3040



1.6583, 0.8524, 0.1914

Previews

White Background



This preview shows how the XYZ color 40.1932, 23.9756, 10.8968 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 40.1932, 23.9756, 10.8968 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 40.1932, 23.9756, 10.8968

Background



This preview shows how black text looks on a background with the XYZ color 40.1932, 23.9756, 10.8968.



This preview shows how white text looks on a background with the XYZ color 40.1932, 23.9756,

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

40.1932, 23.9756, 10.8968

Protanopia

22.6131, 23.9940, 17.9075

Deuteranopia

24.6373, 24.2078, 10.0307



Tritanopia

39.9977, 24.0017, 9.5459

Trichromacy



Original Color

40.1932, 23.9756, 10.8968

Protanomaly

26.5751, 21.8727, 14.8778

Deuteranomaly

28.7300, 22.6126, 10.0582

Tritanomaly

40.1061, 24.0450, 10.1167

Monochromacy



Original Color

40.1932, 23.9756, 10.8968

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

23.7482, 19.4228, 16.9653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1932, 23.9756, 10.8968 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(241, 72, 84)` looks like.

```
.text, #text, p{  
    color:rgb(241, 72, 84)  
}
```

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(241, 72, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 72, 84) }
```

Border

The CSS property to change the border of an element to XYZ 40.1932, 23.9756, 10.8968 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(241, 72, 84) }
```


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

```
.border{ border-color:rgb(241, 72, 84) }
```

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

Here you see how a box with a 4 pixel rgb(241, 72, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 72, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 72, 84);  
box-shadow:4px 4px 4px 4px rgb(241, 72,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1932, 23.9756, 10.8968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 72, 84) }
```

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

```
.background{ background-color: rgb(241, 72,  
84) }
```

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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