

Converting Colors

XYZ(39.6438, 23.1028, 10.9642)

Have a look what the booklet for
XYZ(39.6438, 23.1028, 10.9642)
contains.

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Color

**XYZ(39.5231, 23.0776,
10.9656)**

Conversions

Conversions Part 1

Format	Color
Hex	F04255
RGB	240, 66, 85
RGB Percent	94%, 26%, 33%
CMY	0.0588, 0.7411, 0.6667
CMYK	0.00, 0.72, 0.65, 0.06
HSL	353°, 85%, 60%
HSV	353°, 72%, 94%
XYZ	39.5231, 23.0776, 10.9656
YIQ	120.1920, 97.6050, 42.7970

Conversions

Conversions Part 2

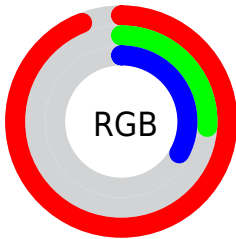
Format	Color
R_{YB}	240, 66, 85
Decimal	15745621
CIE _{Lab}	55.15, 66.51, 29.63
CIE _{LCh}	55, 72.809, 24.010
Yxy	23.0776, 0.5372, 0.3137
Android (android.graphics.Color)	4293935701 (0xFFFF04255)
YUV	120.1920, -17.3497, 105.0716
Hunter-Lab	48.0392, 62.7882, 20.0936

Details

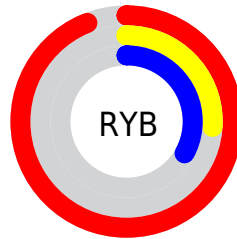
The XYZ color **39.5231, 23.0776, 10.9656** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **46.4602, 68.6996, 79.2265**, and the grayscale version is **17.9476, 18.8822, 20.5628**.

A 20% lighter version of the original color is **53.0740, 37.9310, 27.4458**, and **18.5145, 9.5003, 2.8654** is the 20% darker color. If you saturate the color by 10%, you get **37.6780, 20.5478, 6.7742**, and if you desaturate by 10%, it is **42.2136, 26.8882, 16.7048**.

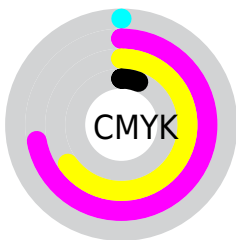
Distribution



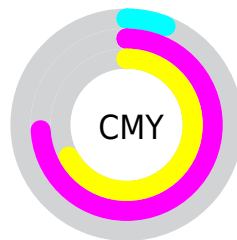
- Red (94%)
- Green (26%)
- Blue (33%)



- Red (94%)
- Yellow (26%)
- Blue (33%)



- Cyan (0%)
- Magenta (72%)
- Yellow (65%)
- Black (6%)





- Cyan (6%)
- Magenta (74%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5231, 23.0776, 10.9656 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 39.5231, 23.0776, 10.9656 by changing the saturation by 10% instead.


 39.5231, 23.0776,
10.9656


 39.5231, 23.0776,
10.9656


335.2784,
268.1233, 208.1604


 27.3495, 14.6508,
5.9298


 73.7257, 48.5207,
28.2322


 17.9738, 8.5747,
2.7344


 96.4854, 66.3058,
41.3001


 11.0307, 4.4648,
0.9607

 123.5045, 87.9792,
57.8825

 6.1550, 1.9368,
0.0000

 155.1484,
113.9252, 78.3979

 2.9811, 0.5704,
0.0000

 191.7823,
144.5282, 103.2649

 1.1438, 0.0000,
0.0000

233.7717,

 0.0613, 0.0000,

180.1726, 132.9019

0.0000

281.4820,
221.2429, 167.7275

■ 0.0000, 0.0000,
0.0000

■ 39.5231, 23.0776,
10.9656

■ 39.5231, 23.0776,
10.9656

■ 37.6780, 20.5478,
6.7742

■ 42.2136, 26.8882,
16.7048

■ 36.5737, 19.1271,
3.9772


■ 45.8343, 32.1149,
24.1230


■ 36.1236, 18.6006,
2.6749

■ 50.4615, 38.8802,
33.3385

■ 56.1628, 47.2923,
44.4585

■ 63.0003, 57.4497,
57.5819

 71.0311, 69.4430,
72.8007

 80.3084, 83.3566,
90.2010

 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.



41.4281, 23.0776, 30.0918



39.5231, 23.0776, 10.9656



32.4550, 23.0776, 3.5288

Triad

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



39.5231, 23.0776, 10.9656



11.5671, 23.0776, 6.9399



20.3443, 23.0776, 101.0547

Complementary

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



39.5231, 23.0776, 10.9656



46.4602, 68.6996, 79.2265

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.



13.9756, 23.0776, 81.4935



39.5231, 23.0776, 10.9656



9.7776, 23.0776, 20.7418

Square

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



39.5231, 23.0776, 10.9656



16.1724, 23.0776, 2.4117



10.5353, 23.0776, 48.0819



28.9248, 23.0776, 92.1575

Rectangle

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



39.5231, 23.0776, 10.9656



26.5255, 23.0776, 1.9903



10.5353, 23.0776, 48.0819



17.9065, 23.0776, 97.3412

Sweetspot

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



39.5236, 23.0790, 10.9660



72.6626, 66.4697, 66.7720



47.1018, 25.3582, 84.8497



15.0640, 13.4995, 13.3590



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.



39.5236, 23.0790, 10.9660



42.5356, 22.6551, 6.0493



45.2663, 35.6138, 9.6446



15.8429, 15.7869, 16.7290



19.7981, 10.1917, 1.5872



1.6700, 0.8571, 0.2532

Inverse Universe

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



39.5236, 23.0790, 10.9660



42.5356, 22.6551, 6.0493



32.9777, 37.4540, 87.9288



15.8429, 15.7869, 16.7290



19.7981, 10.1917, 1.5872



1.6700, 0.8571, 0.2532

Previews

White Background



This preview shows how the XYZ color 39.5231, 23.0776, 10.9656 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 39.5231, 23.0776, 10.9656 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 39.5231, 23.0776, 10.9656

Background



This preview shows how black text looks on a background with the XYZ color 39.5231, 23.0776, 10.9656.



This preview shows how white text looks on a background with the XYZ color 39.5231, 23.0776,

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

39.5231, 23.0776, 10.9656

Protanopia

21.8234, 23.1613, 18.6496

Deuteranopia

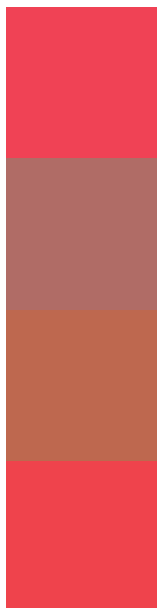
23.4633, 23.0206, 10.0442



Tritanopia

38.8011, 22.9399, 8.3440

Trichromacy



Original Color

39.5231, 23.0776, 10.9656

Protanomaly

25.6653, 20.9145, 15.2546

Deuteranomaly

27.5968, 21.4123, 10.0756

Tritanomaly

38.9083, 22.8868, 9.2044

Monochromacy



Original Color

39.5231, 23.0776, 10.9656

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

22.5209, 18.0684, 16.2105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5231, 23.0776, 10.9656 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, 66, 85)` looks like.

```
.text, #text, p{  
    color:rgb(240, 66, 85)  
}
```

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, 66, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 66, 85) }
```

Border

The CSS property to change the border of an element to XYZ 39.5231, 23.0776, 10.9656 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, 66, 85) }
```


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

```
.border{ border-color:rgb(240, 66, 85) }
```

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

Here you see how a box with a 4 pixel rgb(240, 66, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 66, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 66, 85);  
box-shadow:4px 4px 4px 4px rgb(240, 66,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5231, 23.0776, 10.9656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 66, 85) }
```

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

```
.background{ background-color: rgb(240, 66,  
85) }
```

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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