

Converting Colors

XYZ(38.5370, 22.6995, 9.0069)

Have a look what the booklet for
XYZ(38.5370, 22.6995, 9.0069)
contains.

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Color

**XYZ(38.5370, 22.6995,
9.0069)**

Conversions

Conversions Part 1

Format	Color
Hex	EE434B
RGB	238, 67, 75
RGB Percent	93%, 26%, 29%
CMY	0.0667, 0.7372, 0.7059
CMYK	0.00, 0.72, 0.68, 0.07
HSL	357°, 83%, 60%
HSV	357°, 72%, 93%
XYZ	38.5370, 22.6995, 9.0069
YIQ	119.0410, 99.3480, 38.7400

Conversions

Conversions Part 2

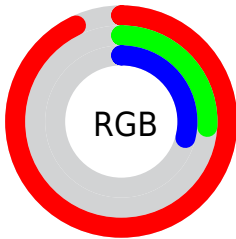
Format	Color
R_{YB}	238, 67, 75
Decimal	15614795
CIE _{Lab}	54.76, 65.06, 34.86
CIE _{LCh}	55, 73.813, 28.181
Yxy	22.6995, 0.5486, 0.3232
Android (android.graphics.Color)	4293804875 (0xFFEE434B)
YUV	119.0410, -21.7122, 104.3270
Hunter-Lab	47.6440, 61.0033, 22.1423

Details

The XYZ color **38.5370, 22.6995, 9.0069** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **47.1744, 68.0561, 85.5212**, and the grayscale version is **17.5937, 18.5099, 20.1573**.

A 20% lighter version of the original color is **52.3389, 37.6369, 23.5749**, and **17.7029, 9.0976, 2.1193** is the 20% darker color. If you saturate the color by 10%, you get **36.7581, 20.1710, 5.2419**, and if you desaturate by 10%, it is **41.1746, 26.5032, 14.4238**.

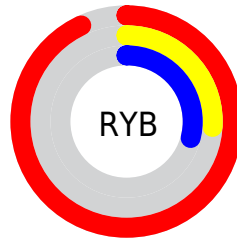
Distribution



Red (93%)

Green (26%)

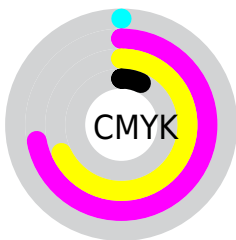
Blue (29%)



Red (93%)

Yellow (26%)

Blue (29%)

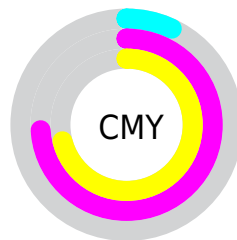


Cyan (0%)

Magenta (72%)

Yellow (68%)

Black (7%)



Cyan (7%)


Magenta (74%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5370, 22.6995, 9.0069 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 38.5370, 22.6995, 9.0069 by changing the saturation by 10% instead.


 38.5370, 22.6995,
9.0069


 38.5370, 22.6995,
9.0069


331.1591,
266.1778, 193.6493


 26.5788, 14.3718,
4.6488


 72.2291, 47.8994,
24.4879


 17.3921, 8.3797,
1.9876


 94.6937, 65.5404,
36.4480

 10.6115, 4.3389,
0.5476


 121.3912, 87.0547,
51.7791

 5.8716, 1.8649,
0.0000

 152.6869,
112.8265, 70.8998

 2.8071, 0.5271,
0.0000

 188.9462,
143.2403, 94.2286

 1.0526, 0.0000,
0.0000

230.5345,

 0.0000, 0.0000,

178.6805, 122.1841

0.0000

277.8170,
219.5316, 155.1848

■ 38.5370, 22.6995,
9.0069

■ 38.5370, 22.6995,
9.0069

■ 36.7581, 20.1710,
5.2419

■ 41.1746, 26.5032,
14.4238

■ 35.7291, 18.7487,
2.9390


■ 44.7593, 31.7156,
21.6520


■ 35.3207, 18.2014,
1.9718


■ 49.3702, 38.4577,
30.8333

■ 55.0777, 46.8367,
42.0952

■ 61.9459, 56.9500,
55.5542

 70.0340, 68.8872,
71.3183

 79.3972, 82.7321,
89.4885

 89.0696, 96.9170,
108.6201

Harmonies

Analogous

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



41.3235, 22.6995, 26.1673



38.5370, 22.6995, 9.0069



30.9323, 22.6995, 2.8356

Triad

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



38.5370, 22.6995, 9.0069



10.8147, 22.6995, 7.8064



21.0818, 22.6995, 102.1325

Complementary

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



38.5370, 22.6995, 9.0069



47.1744, 68.0561, 85.5212

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.



14.3256, 22.6995, 85.7891



38.5370, 22.6995, 9.0069



9.4008, 22.6995, 23.3192

Square

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



38.5370, 22.6995, 9.0069



14.9910, 22.6995, 2.5125



10.5040, 22.6995, 52.5314



29.8503, 22.6995, 89.0947

Rectangle

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



38.5370, 22.6995, 9.0069



24.9451, 22.6995, 1.6763



10.5040, 22.6995, 52.5314



18.5233, 22.6995, 99.7603

Sweetspot

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



38.5375, 22.7008, 9.0072



72.2444, 66.3024, 64.5700



49.8972, 26.9209, 83.4546



14.9676, 13.4610, 12.8512



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.



38.5375, 22.7008, 9.0072



42.3539, 22.7005, 4.7284



46.2398, 38.5158, 10.3094



15.8027, 15.7708, 16.5174



19.7185, 10.1598, 1.1681



1.6508, 0.8494, 0.1522

Inverse Universe

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



38.5375, 22.7008, 9.0072



42.3539, 22.7005, 4.7284



30.5026, 32.8758, 85.6262



15.8027, 15.7708, 16.5174



19.7185, 10.1598, 1.1681



1.6508, 0.8494, 0.1522

Previews

White Background



This preview shows how the XYZ color 38.5370, 22.6995, 9.0069 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 38.5370, 22.6995, 9.0069 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 38.5370, 22.6995, 9.0069

Background



This preview shows how black text looks on a background with the XYZ color 38.5370, 22.6995, 9.0069.



This preview shows how white text looks on a background with the XYZ color 38.5370, 22.6995,

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

38.5370, 22.6995, 9.0069

Protanopia

21.3529, 22.7962, 15.0791

Deuteranopia

23.1880, 22.7303, 8.1663



Tritanopia

38.4643, 22.7663, 8.3283

Trichromacy



Original Color

38.5370, 22.6995, 9.0069

Protanomaly

25.1125, 20.6934, 12.3435

Deuteranomaly

27.2597, 21.2774, 8.3004

Tritanomaly

38.4967, 22.7793, 8.4987

Monochromacy



Original Color

38.5370, 22.6995, 9.0069

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

21.9056, 17.7750, 15.1083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5370, 22.6995, 9.0069 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(238, 67, 75)` looks like.

```
.text, #text, p{  
    color:rgb(238, 67, 75)  
}
```

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(238, 67, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 67, 75) }
```

Border

The CSS property to change the border of an element to XYZ 38.5370, 22.6995, 9.0069 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(238, 67, 75) }
```


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

```
.border{ border-color:rgb(238, 67, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 67, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 67, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 67, 75);  
box-shadow:4px 4px 4px 4px rgb(238, 67,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5370, 22.6995, 9.0069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 67, 75) }
```

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

```
.background{ background-color: rgb(238, 67,  
75) }
```

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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