

Converting Colors

XYZ(38.2143, 22.2305, 8.8341)

Have a look what the booklet for
XYZ(38.2143, 22.2305, 8.8341)
contains.

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Color

**XYZ(38.2734, 22.2266,
8.7515)**

Conversions

Conversions Part 1

Format	Color
Hex	EE3F4A
RGB	238, 63, 74
RGB Percent	93%, 25%, 29%
CMY	0.0667, 0.7529, 0.7098
CMYK	0.00, 0.74, 0.69, 0.07
HSL	356°, 84%, 59%
HSV	356°, 74%, 93%
XYZ	38.2734, 22.2266, 8.7515
YIQ	116.5790, 100.7690, 40.5210

Conversions

Conversions Part 2

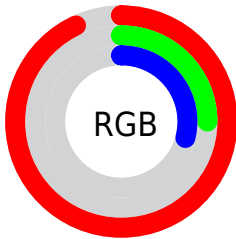
Format	Color
R_YB	238, 63, 74
Decimal	15613770
CIE Lab	54.27, 66.35, 34.84
CIE LCh	54, 74.940, 27.702
Yxy	22.2266, 0.5527, 0.3210
Android (android.graphics.Color)	4293803850 (0xFFEE3F4A)
YUV	116.5790, -20.9914, 106.4862
Hunter-Lab	47.1451, 62.4062, 21.9956

Details

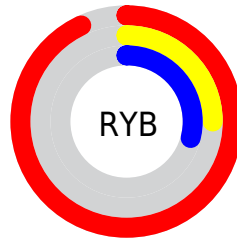
The XYZ color **38.2734, 22.2266, 8.7515** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **46.4918, 67.7525, 83.3089**, and the grayscale version is **16.8210, 17.6970, 19.2721**.

A 20% lighter version of the original color is **51.8981, 36.8560, 23.1175**, and **17.6899, 9.0924, 2.0509** is the 20% darker color. If you saturate the color by 10%, you get **36.6051, 19.8873, 5.1222**, and if you desaturate by 10%, it is **40.7782, 25.8134, 13.9736**.

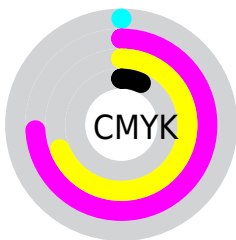
Distribution



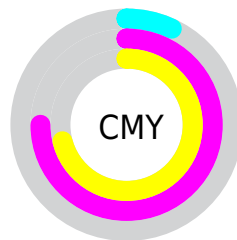
- Red (93%)
- Green (25%)
- Blue (29%)



- Red (93%)
- Yellow (25%)
- Blue (29%)



- Cyan (0%)
- Magenta (74%)
- Yellow (69%)
- Black (7%)





- Cyan (7%)
- Magenta (75%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2734, 22.2266, 8.7515 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 38.2734, 22.2266, 8.7515 by changing the saturation by 10% instead.


 38.2734, 22.2266,
8.7515


 38.2734, 22.2266,
8.7515


330.0519,
263.7274, 191.6624

 26.3731, 14.0235,
4.4849


 71.8282, 47.1202,
23.9891


 17.2371, 8.1370,
1.8949


 94.2134, 64.5796,
35.7971

 10.5001, 4.1827,
0.4895


 120.8244, 85.8931,
50.9560

 5.7965, 1.7763,
0.0000

 152.0263,
111.4452, 69.8843

 2.7612, 0.4723,
0.0000

 188.1847,
141.6203, 93.0005

 1.0288, 0.0000,
0.0000

229.6649,

 0.0000, 0.0000,

176.8027, 120.7233

0.0000

276.8322,
217.3770, 153.4711

■ 38.2734, 22.2266,
8.7515

■ 38.2734, 22.2266,
8.7515

■ 36.6051, 19.8873,
5.1222

■ 40.7782, 25.8134,
13.9736

■ 35.6629, 18.6211,
2.9024


■ 44.2084, 30.7843,
20.9427


■ 35.3454, 18.2113,
2.1021


■ 48.6435, 37.2623,
29.7956


■ 54.1537, 45.3558,
40.6554

■ 60.8031, 55.1634,
53.6349

 68.6506, 66.7755,
68.8381

 77.7513, 80.2764,
86.3626

 88.1567, 95.7450,
106.2999

 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.



40.9876, 22.2266, 26.0469



38.2734, 22.2266, 8.7515



30.6613, 22.2266, 2.6287

Triad

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



38.2734, 22.2266, 8.7515



10.4496, 22.2266, 7.2618



20.5031, 22.2266, 102.5255

Complementary

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



38.2734, 22.2266, 8.7515



46.4918, 67.7525, 83.3089

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.



13.8057, 22.2266, 85.4714



38.2734, 22.2266, 8.7515



9.0115, 22.2266, 22.4444

Square

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



38.2734, 22.2266, 8.7515



14.6422, 22.2266, 2.2397



10.0612, 22.2266, 51.6575



29.2862, 22.2266, 89.7164

Rectangle

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



38.2734, 22.2266, 8.7515



24.6450, 22.2266, 1.4985



10.0612, 22.2266, 51.6575



17.9585, 22.2266, 99.9438

Sweetspot

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



38.2739, 22.2279, 8.7518



72.3512, 66.3452, 65.1323



48.6794, 25.9522, 83.3318



14.9922, 13.4708, 12.9807



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.



38.2739, 22.2279, 8.7518



42.1873, 22.4063, 4.5528



45.3667, 36.9551, 9.4466



15.8130, 15.7749, 16.5717



19.7350, 10.1664, 1.2550



1.6558, 0.8514, 0.1782

Inverse Universe

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



38.2739, 22.2279, 8.7518



42.1873, 22.4063, 4.5528



30.4339, 33.1315, 85.6792



15.8130, 15.7749, 16.5717



19.7350, 10.1664, 1.2550



1.6558, 0.8514, 0.1782

Previews

White Background



This preview shows how the XYZ color 38.2734, 22.2266, 8.7515 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 38.2734, 22.2266, 8.7515 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 38.2734, 22.2266, 8.7515

Background



This preview shows how black text looks on a background with the XYZ color 38.2734, 22.2266, 8.7515.



This preview shows how white text looks on a background with the XYZ color 38.2734, 22.2266,

8.7515.

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

38.2734, 22.2266, 8.7515

Protanopia

20.8822, 22.3551, 15.0187

Deuteranopia

22.6303, 22.2591, 7.9542



Tritanopia

38.1064, 22.2492, 7.5963

Trichromacy



Original Color

38.2734, 22.2266, 8.7515

Protanomaly

24.6787, 20.1602, 12.2635

Deuteranomaly

26.5338, 20.6115, 8.0488

Tritanomaly

38.1988, 22.2861, 8.0827

Monochromacy



Original Color

38.2734, 22.2266, 8.7515

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

21.3216, 17.0660, 14.4822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2734, 22.2266, 8.7515 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, 63, 74)` looks like.

```
.text, #text, p{  
    color:rgb(238, 63, 74)  
}
```

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, 63, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 63, 74) }
```

Border

The CSS property to change the border of an element to XYZ 38.2734, 22.2266, 8.7515 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, 63, 74) }
```


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

```
.border{ border-color:rgb(238, 63, 74) }
```

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

Here you see how a box with a 4 pixel rgb(238, 63, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 63, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 63, 74);  
box-shadow:4px 4px 4px 4px rgb(238, 63,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2734, 22.2266, 8.7515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 63, 74) }
```

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

```
.background{ background-color: rgb(238, 63,  
74) }
```

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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