

Converting Colors

XYZ(34.3623, 21.0038, 9.0805)

Have a look what the booklet for
XYZ(34.3623, 21.0038, 9.0805)
contains.

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Color

**XYZ(34.3623, 21.0038,
9.0805)**

Conversions

Conversions Part 1

Format	Color
Hex	E0484C
RGB	224, 72, 76
RGB Percent	88%, 28%, 30%
CMY	0.1216, 0.7176, 0.7020
CMYK	0.00, 0.68, 0.66, 0.12
HSL	358°, 71%, 58%
HSV	358°, 68%, 88%
XYZ	34.3623, 21.0038, 9.0805
YIQ	117.9040, 89.3080, 33.4680

Conversions

Conversions Part 2

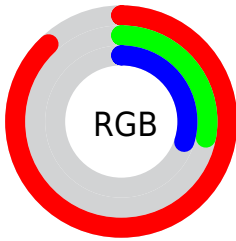
Format	Color
R_{YB}	224, 72, 76
Decimal	14698572
CIE _{Lab}	52.95, 58.98, 31.51
CIE _{LCh}	53, 66.866, 28.110
Yxy	21.0038, 0.5332, 0.3259
Android (android.graphics.Color)	4292888652 (0xFFE0484C)
YUV	117.9040, -20.6587, 93.0462
Hunter-Lab	45.8299, 53.6332, 20.3335

Details

The XYZ color **34.3623, 21.0038, 9.0805** 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 **42.2481, 59.8568, 77.0430**, and the grayscale version is **17.2340, 18.1315, 19.7452**.

A 20% lighter version of the original color is **52.7919, 38.4412, 24.0395**, and **15.1610, 7.7857, 2.0702** is the 20% darker color. If you saturate the color by 10%, you get **32.5346, 18.3633, 5.3430**, and if you desaturate by 10%, it is **36.9753, 24.8040, 14.3477**.

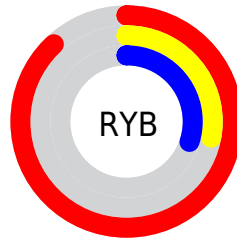
Distribution



Red (88%)

Green (28%)

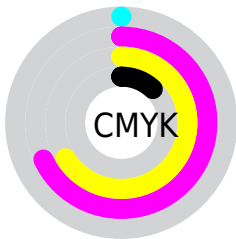
Blue (30%)



Red (88%)

Yellow (28%)

Blue (30%)

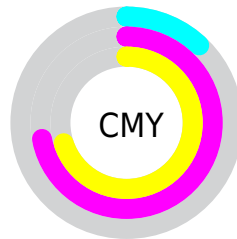


Cyan (0%)

Magenta (68%)

Yellow (66%)

Black (12%)



Cyan (12%)


Magenta (72%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3623, 21.0038, 9.0805 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 34.3623, 21.0038, 9.0805 by changing the saturation by 10% instead.


 34.3623, 21.0038,
9.0805


 34.3623, 21.0038,
9.0805


313.3021,
257.2987, 194.2174


 23.3363, 13.1268,
4.6962


 65.8372, 45.0939,
24.6312

 14.9641, 7.5159,
2.0145


 87.0169, 62.0757,
36.6347


 8.8803, 3.7868,
0.5642


 112.3117, 82.8612,
52.0150

 4.7197, 1.5550,
0.0000

 142.0872,
107.8349, 71.1906

 2.1168, 0.3270,
0.0000

 176.7086,
137.3811, 94.5801

 0.6983, 0.0000,
0.0000

216.5413,

 0.0000, 0.0000,

171.8842, 122.6021

0.0000

261.9507,
211.7286, 155.6750

■ 34.3623, 21.0038,
9.0805

■ 34.3623, 21.0038,
9.0805

■ 32.5346, 18.3633,
5.3430

■ 36.9753, 24.8040,
14.3477

■ 31.4029, 16.7471,
2.9709

■ 40.4468, 29.8725,
21.2841


■ 30.8504, 15.9748,
1.7610


■ 44.8435, 36.3093,
30.0146


■ 30.7725, 15.8601,
1.6083


■ 50.2250, 44.2038,
40.6519

■ 56.6460, 53.6375,
53.2994

 64.1571, 64.6860,
68.0533

 72.8055, 77.4199,
85.0033

 82.6360, 91.9057,
104.2342

 84.5503, 94.5872,
108.4086

Harmonies

Analogous

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



36.6850, 21.0038, 24.1656



34.3623, 21.0038, 9.0805



27.9610, 21.0038, 3.2613

Triad

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



34.3623, 21.0038, 9.0805



10.5694, 21.0038, 7.9413



19.5225, 21.0038, 87.1789

Complementary

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



34.3623, 21.0038, 9.0805



42.2481, 59.8568, 77.0430

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.



13.6579, 21.0038, 73.7706



34.3623, 21.0038, 9.0805



9.2980, 21.0038, 21.6207

Square

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



34.3623, 21.0038, 9.0805



14.2641, 21.0038, 2.9262



10.2813, 21.0038, 46.2951



27.0087, 21.0038, 76.5833

Rectangle

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



34.3623, 21.0038, 9.0805



22.8701, 21.0038, 2.0788



10.2813, 21.0038, 46.2951



17.3142, 21.0038, 85.2247

Sweetspot

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



34.3628, 21.0050, 9.0808



73.8933, 68.8699, 67.3710



44.9657, 25.0675, 72.9891



15.2831, 13.9577, 13.3706



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.



34.3628, 21.0050, 9.0808



42.9783, 23.6761, 5.7791



41.7235, 35.9416, 10.8710



13.7218, 13.7063, 14.3049



17.9185, 9.2344, 0.9707



1.2472, 0.6422, 0.0947

Inverse Universe

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



34.3628, 21.0050, 9.0808



42.9783, 23.6761, 5.7791



27.5305, 29.5656, 74.7762



13.7218, 13.7063, 14.3049



17.9185, 9.2344, 0.9707



1.2472, 0.6422, 0.0947

Previews

White Background



This preview shows how the XYZ color 34.3623, 21.0038, 9.0805 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 34.3623, 21.0038, 9.0805 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 34.3623, 21.0038, 9.0805

Background



This preview shows how black text looks on a background with the XYZ color 34.3623, 21.0038, 9.0805.



This preview shows how white text looks on a background with the XYZ color 34.3623, 21.0038,

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

34.3623, 21.0038, 9.0805

Protanopia

19.9004, 21.2761, 14.3671

Deuteranopia

21.3983, 21.0607, 8.4061



Tritanopia

34.3623, 21.0038, 9.0805

Trichromacy



Original Color

34.3623, 21.0038, 9.0805

Protanomaly

23.2093, 19.5615, 12.0037

Deuteranomaly

24.8100, 19.8587, 8.4867

Tritanomaly

34.3623, 21.0038, 9.0805

Monochromacy



Original Color

34.3623, 21.0038, 9.0805

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

21.0065, 17.4547, 15.0939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3623, 21.0038, 9.0805 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(224, 72, 76)` looks like.

```
.text, #text, p{  
    color:rgb(224, 72, 76)  
}
```

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(224, 72, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 72, 76) }
```

Border

The CSS property to change the border of an element to XYZ 34.3623, 21.0038, 9.0805 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(224, 72, 76) }
```


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

```
.border{ border-color:rgb(224, 72, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 72, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 72, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 72, 76);  
box-shadow:4px 4px 4px 4px rgb(224, 72,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3623, 21.0038, 9.0805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 72, 76) }
```

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

```
.background{ background-color: rgb(224, 72,  
76) }
```

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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