

Converting Colors

XYZ(37.7058, 21.0885, 6.9337)

Have a look what the booklet for
XYZ(37.7058, 21.0885, 6.9337)
contains.

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Color

**XYZ(37.7058, 21.0885,
6.9337)**

Conversions

Conversions Part 1

Format	Color
Hex	EF3340
RGB	239, 51, 64
RGB Percent	94%, 20%, 25%
CMY	0.0627, 0.7999, 0.7490
CMYK	0.00, 0.79, 0.73, 0.06
HSL	356°, 85%, 57%
HSV	356°, 79%, 94%
XYZ	37.7058, 21.0885, 6.9337
YIQ	108.6940, 107.8750, 43.8990

Conversions

Conversions Part 2

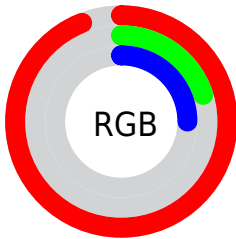
Format	Color
R_{YB}	239, 51, 64
Decimal	15676224
CIE _{Lab}	53.05, 69.78, 39.18
CIE _{LCh}	53, 80.023, 29.314
Yxy	21.0885, 0.5737, 0.3208
Android (android.graphics.Color)	4293866304 (0xFFEF3340)
YUV	108.6940, -22.0341, 114.2784
Hunter-Lab	45.9222, 66.1988, 23.1935

Details

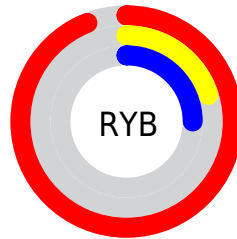
The XYZ color **37.7058, 21.0885, 6.9337** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **45.9617, 67.9285, 82.6507**, and the grayscale version is **14.4901, 15.2447, 16.6015**.

A 20% lighter version of the original color is **50.1819, 34.4645, 19.3367**, and **17.5909, 9.0528, 1.5297** is the 20% darker color. If you saturate the color by 10%, you get **36.4044, 19.3052, 3.9748**, and if you desaturate by 10%, it is **39.7965, 24.0472, 11.4010**.

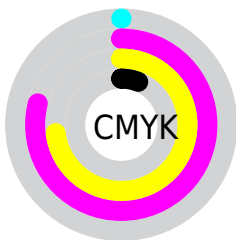
Distribution



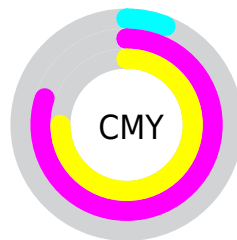
- Red (94%)
- Green (20%)
- Blue (25%)



- Red (94%)
- Yellow (20%)
- Blue (25%)



- Cyan (0%)
- Magenta (79%)
- Yellow (73%)
- Black (6%)





- Cyan (6%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7058, 21.0885, 6.9337 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 37.7058, 21.0885, 6.9337 by changing the saturation by 10% instead.


 37.7058, 21.0885,
6.9337


 37.7058, 21.0885,
6.9337


327.6590,
257.7484, 176.7216


 25.9306, 13.1887,
3.3429


 70.9638, 45.2348,
20.3503

 16.9041, 7.5586,
1.2723


 93.1773, 62.2500,
31.0131

 10.2611, 3.8138,
0.0389


 119.6010, 83.0726,
44.8704

 5.6360, 1.5700,
0.0000

 150.6001,
108.0868, 62.3406

 2.6636, 0.3372,
0.0000

 186.5402,
137.6771, 83.8423

 0.9785, 0.0000,
0.0000

 227.7864,

 0.0000, 0.0000,

172.2279, 109.7940

0.0000

274.7042,
212.1236, 140.6142

■ 37.7058, 21.0885,
6.9337

■ 37.7058, 21.0885,
6.9337

■ 36.4044, 19.3052,
3.9748

■ 39.7965, 24.0472,
11.4010

■ 35.7531, 18.4691,
2.3193


■ 42.7741, 28.3327,
17.5413


■ 35.6937, 18.3895,
2.1787


■ 46.7237, 34.0779,
25.4983


■ 51.7199, 41.3984,
35.4004

■ 57.8299, 50.3985,
47.3641

 65.1155, 61.1732,
61.4968

 73.6339, 73.8108,
77.8985

 83.4385, 88.3934,
96.6628

 89.4063, 97.0906,
108.6359

Harmonies

Analogous

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



40.9477, 21.0885, 23.5209



37.7058, 21.0885, 6.9337



29.4794, 21.0885, 1.7246

Triad

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



37.7058, 21.0885, 6.9337



9.1069, 21.0885, 6.5102



19.8509, 21.0885, 107.3592

Complementary

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



37.7058, 21.0885, 6.9337



45.9617, 67.9285, 82.6507

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.



12.8731, 21.0885, 90.2390



37.7058, 21.0885, 6.9337



7.8339, 21.0885, 22.4116

Square

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



37.7058, 21.0885, 6.9337



13.1244, 21.0885, 1.6277



8.9929, 21.0885, 53.9121



29.0477, 21.0885, 91.6273

Rectangle

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



37.7058, 21.0885, 6.9337



23.1941, 21.0885, 0.8965



8.9929, 21.0885, 53.9121



17.1928, 21.0885, 105.1385

Sweetspot

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



37.7063, 21.0898, 6.9340



70.6835, 63.8331, 62.0383



47.2988, 24.3420, 83.8663



14.5070, 12.7434, 12.0694



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.



37.7063, 21.0898, 6.9340



41.6739, 21.7137, 3.3511



44.0896, 34.3806, 7.4461



15.8171, 15.7765, 16.5930



19.7421, 10.1693, 1.2925



1.6577, 0.8521, 0.1884

Inverse Universe

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



37.7063, 21.0898, 6.9340



41.6739, 21.7137, 3.3511



29.6337, 32.3117, 86.3356



15.8171, 15.7765, 16.5930



19.7421, 10.1693, 1.2925



1.6577, 0.8521, 0.1884

Previews

White Background



This preview shows how the XYZ color 37.7058, 21.0885, 6.9337 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 37.7058, 21.0885, 6.9337 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 37.7058, 21.0885, 6.9337

Background



This preview shows how black text looks on a background with the XYZ color 37.7058, 21.0885, 6.9337.



This preview shows how white text looks on a background with the XYZ color 37.7058, 21.0885,

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

37.7058, 21.0885, 6.9337

Protanopia

19.7091, 21.2184, 12.5080

Deuteranopia

21.5578, 21.1918, 6.2030



Tritanopia

37.5356, 21.1633, 5.5966

Trichromacy



Original Color

37.7058, 21.0885, 6.9337

Protanomaly

23.3654, 18.5015, 9.9291

Deuteranomaly

25.3902, 19.2161, 6.1122

Tritanomaly

37.5883, 21.1122, 6.0969

Monochromacy



Original Color

37.7058, 21.0885, 6.9337

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

19.1758, 14.8377, 12.2092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7058, 21.0885, 6.9337 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(239, 51, 64)` looks like.

```
.text, #text, p{  
    color:rgb(239, 51, 64)  
}
```

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(239, 51, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 51, 64) }
```

Border

The CSS property to change the border of an element to XYZ 37.7058, 21.0885, 6.9337 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(239, 51, 64) }
```


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

```
.border{ border-color:rgb(239, 51, 64) }
```

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

Here you see how a box with a 4 pixel rgb(239, 51, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 51, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 51, 64);  
box-shadow:4px 4px 4px 4px rgb(239, 51,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7058, 21.0885, 6.9337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 51, 64) }
```

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

```
.background{ background-color: rgb(239, 51,  
64) }
```

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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