

Converting Colors

XYZ(37.3668, 20.4999, 6.5449)

Have a look what the booklet for
XYZ(37.3668, 20.4999, 6.5449)
contains.

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Color

**XYZ(37.3668, 20.4999,
6.5449)**

Conversions

Conversions Part 1

Format	Color
Hex	EF2C3E
RGB	239, 44, 62
RGB Percent	94%, 17%, 24%
CMY	0.0627, 0.8274, 0.7569
CMYK	0.00, 0.82, 0.74, 0.06
HSL	354°, 86%, 55%
HSV	354°, 82%, 94%
XYZ	37.3668, 20.4999, 6.5449
YIQ	104.3570, 110.4420, 46.9380

Conversions

Conversions Part 2

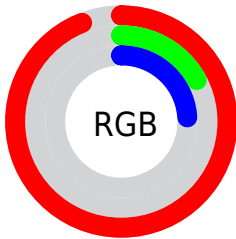
Format	Color
R_{YB}	239, 44, 62
Decimal	15674430
CIE _{Lab}	52.40, 71.47, 39.58
CIE _{LCh}	52, 81.696, 28.980
Yxy	20.4999, 0.5801, 0.3183
Android (android.graphics.Color)	4293864510 (0xFFEF2C3E)
YUV	104.3570, -20.8820, 118.0819
Hunter-Lab	45.2768, 68.0810, 23.1232

Details

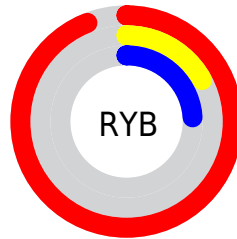
The XYZ color **37.3668, 20.4999, 6.5449** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **44.9592, 67.4898, 79.0758**, and the grayscale version is **13.2897, 13.9817, 15.2261**.

A 20% lighter version of the original color is **49.6304, 33.5376, 18.6095**, and **17.5731, 9.0457, 1.4359** is the 20% darker color. If you saturate the color by 10%, you get **36.2368, 19.0104, 3.7943**, and if you desaturate by 10%, it is **39.2469, 23.1103, 10.7175**.

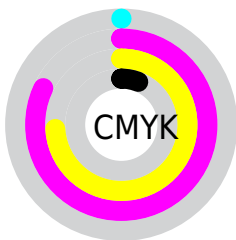
Distribution



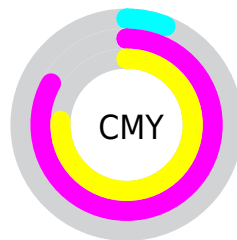
- Red (94%)
- Green (17%)
- Blue (24%)



- Red (94%)
- Yellow (17%)
- Blue (24%)



- Cyan (0%)
- Magenta (82%)
- Yellow (74%)
- Black (6%)





- Cyan (6%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3668, 20.4999, 6.5449 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 37.3668, 20.4999, 6.5449 by changing the saturation by 10% instead.


 37.3668, 20.4999,
6.5449


 37.3668, 20.4999,
6.5449


326.2239,
254.6087, 173.3116


 25.6666, 12.7589,
3.1051


 70.4467, 44.2537,
19.5487

 16.7058, 7.2628,
1.1485


 92.5572, 61.0354,
29.9497


 10.1189, 3.6270,
0.0000


 118.8684, 81.5994,
43.5082

 5.5407, 1.4672,
0.0000

 149.7458,
106.3302, 60.6427

 2.6059, 0.2654,
0.0000

 185.5547,
135.6121, 81.7717

 0.9490, 0.0000,
0.0000

 226.6604,

 0.0000, 0.0000,

169.8295, 107.3139

0.0000

273.4284,
209.3669, 137.6876

■ 37.3668, 20.4999,
6.5449

■ 37.3668, 20.4999,
6.5449

■ 36.2368, 19.0104,
3.7943

■ 39.2469, 23.1103,
10.7175


■ 35.7416, 18.4087,
2.4306


■ 41.9778, 27.0015,
16.4699


■ 45.6459, 32.3112,
23.9397


■ 50.3263, 39.1585,
33.2492

■ 56.0869, 47.6499,
44.5098

 62.9894, 57.8825,
57.8236

 71.0909, 69.9458,
73.2860

 80.4446, 83.9232,
90.9862

 89.4064, 97.0906,
108.6359

Harmonies

Analogous

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



40.5815, 20.4999, 23.1569



37.3668, 20.4999, 6.5449



29.0807, 20.4999, 1.4972

Triad

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



37.3668, 20.4999, 6.5449



8.6387, 20.4999, 5.9337



19.1976, 20.4999, 108.2483

Complementary

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



37.3668, 20.4999, 6.5449



44.9592, 67.4898, 79.0758

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.



12.2724, 20.4999, 90.3498



37.3668, 20.4999, 6.5449



7.3619, 20.4999, 21.5052

Square

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



37.3668, 20.4999, 6.5449



12.6431, 20.4999, 1.3649



8.4721, 20.4999, 53.1851



28.4333, 20.4999, 92.4635

Rectangle

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



37.3668, 20.4999, 6.5449



22.7477, 20.4999, 0.7097



8.4721, 20.4999, 53.1851



16.5494, 20.4999, 105.8366

Sweetspot

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



37.3673, 20.5012, 6.5452



70.8478, 63.8988, 62.9032



45.8457, 23.1726, 83.7172



14.5451, 12.7587, 12.2705



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.



37.3673, 20.5012, 6.5452



41.5067, 21.4553, 3.0615



43.0122, 32.4543, 6.3820



15.8320, 15.7825, 16.6715



19.7721, 10.1813, 1.4506



1.6648, 0.8550, 0.2259

Inverse Universe

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



37.3673, 20.5012, 6.5452



41.5067, 21.4553, 3.0615



29.3655, 32.2600, 86.3399



15.8320, 15.7825, 16.6715



19.7721, 10.1813, 1.4506



1.6648, 0.8550, 0.2259

Previews

White Background



This preview shows how the XYZ color 37.3668, 20.4999, 6.5449 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 37.3668, 20.4999, 6.5449 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 37.3668, 20.4999, 6.5449

Background



This preview shows how black text looks on a background with the XYZ color 37.3668, 20.4999, 6.5449.



This preview shows how white text looks on a background with the XYZ color 37.3668, 20.4999,

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

37.3668, 20.4999, 6.5449

Protanopia

19.0867, 20.5227, 12.1878

Deuteranopia

20.8829, 20.4919, 5.8723



Tritanopia

37.1262, 20.5890, 4.7066

Trichromacy



Original Color

37.3668, 20.4999, 6.5449

Protanomaly

22.8277, 17.8145, 9.6325

Deuteranomaly

24.7427, 18.3597, 5.7297

Tritanomaly

37.1934, 20.5526, 5.2556

Monochromacy



Original Color

37.3668, 20.4999, 6.5449

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

17.9573, 13.5282, 11.1159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3668, 20.4999, 6.5449 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, 44, 62)` looks like.

```
.text, #text, p{  
    color:rgb(239, 44, 62)  
}
```

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, 44, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 44, 62) }
```

Border

The CSS property to change the border of an element to XYZ 37.3668, 20.4999, 6.5449 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, 44, 62) }
```


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

```
.border{ border-color:rgb(239, 44, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 44, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 44, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 44, 62);  
box-shadow:4px 4px 4px 4px rgb(239, 44,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3668, 20.4999, 6.5449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 44, 62) }
```

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

```
.background{ background-color: rgb(239, 44,  
62) }
```

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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