

Converting Colors

XYZ(37.0804, 20.7374, 14.3377)

Have a look what the booklet for
XYZ(37.0804, 20.7374, 14.3377)
contains.

XYZ(37.2263, 20.8094, 14.3665)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.2263, 20.8094,
14.3665)**

Conversions

Conversions Part 1

Format	Color
Hex	E93565
RGB	233, 53, 101
RGB Percent	91%, 21%, 40%
CMY	0.0863, 0.7921, 0.6039
CMYK	0.00, 0.77, 0.57, 0.09
HSL	344°, 80%, 56%
HSV	344°, 77%, 91%
XYZ	37.2263, 20.8094, 14.3665
YIQ	112.2920, 91.8720, 53.0880

Conversions

Conversions Part 2

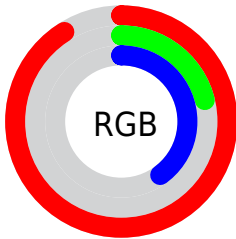
Format	Color
R_{YB}	233, 53, 101
Decimal	15283557
CIE Lab	52.74, 69.53, 16.70
CIE LCh	53, 71.508, 13.505
Yxy	20.8094, 0.5142, 0.2874
Android (android.graphics.Color)	4293473637 (0xFFE93565)
YUV	112.2920, -5.5670, 105.8609
Hunter-Lab	45.6173, 65.8357, 13.2596

Details

The XYZ color **37.2263, 20.8094, 14.3665** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **39.3660, 62.5381, 55.9024**, and the grayscale version is **15.4855, 16.2920, 17.7420**.

A 20% lighter version of the original color is **53.1529, 36.0178, 33.8564**, and **17.2672, 8.8219, 4.4071** is the 20% darker color. If you saturate the color by 10%, you get **35.6580, 18.8764, 10.1337**, and if you desaturate by 10%, it is **39.4855, 23.8459, 19.6887**.

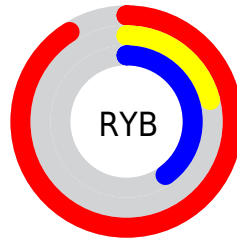
Distribution



Red (91%)

Green (21%)

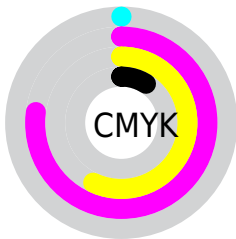
Blue (40%)



Red (91%)

Yellow (21%)

Blue (40%)

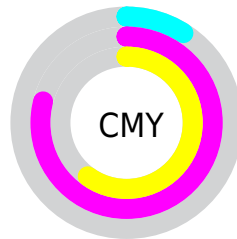


Cyan (0%)

Magenta (77%)

Yellow (57%)

Black (9%)



Cyan (9%)


Magenta (79%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2263, 20.8094, 14.3665 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 37.2263, 20.8094, 14.3665 by changing the saturation by 10% instead.


 37.2263, 20.8094,
14.3665


 37.2263, 20.8094,
14.3665


325.6278,
256.2638, 231.0062


 25.5572, 12.9848,
8.2344


 70.2323, 44.7701,
34.4644


 16.6236, 7.4180,
4.1554


 92.2999, 61.6750,
49.2672


 10.0602, 3.7249,
1.7110


 118.5644, 82.3753,
67.7973

 5.5014, 1.5209,
0.3682

 149.3912,
107.2556, 90.4732

 2.5821, 0.3034,
0.0000

 185.1455,
136.7002, 117.7136

 0.9368, 0.0000,
0.0000

226.1928,

 0.0000, 0.0000,

171.0935, 149.9368

0.0000

272.8985,
210.8199, 187.5615

■ 37.2263, 20.8094,
14.3665

■ 37.2263, 20.8094,
14.3665

■ 35.6580, 18.8764,
10.1337

■ 39.4855, 23.8459,
19.6887

■ 34.6816, 17.8659,
6.9032


■ 42.5099, 28.1182,
26.1736

■ 34.4769, 17.6727,
6.1688


■ 46.3655, 33.7438,
33.8888


■ 51.1105, 40.8251,
42.8958

■ 56.7976, 49.4549,
53.2521

 63.4754, 59.7181,
65.0114

 71.1890, 71.6935,
78.2246

 79.9809, 85.4546,
92.9396

 87.3805, 96.0501,
108.3658

Harmonies

Analogous

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



36.9322, 20.8094, 36.4116



37.2263, 20.8094, 14.3665



32.0898, 20.8094, 4.5278

Triad

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



37.2263, 20.8094, 14.3665



11.4676, 20.8094, 4.0300



15.9849, 20.8094, 89.1196

Complementary

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



37.2263, 20.8094, 14.3665



39.3660, 62.5381, 55.9024

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.



11.1041, 20.8094, 64.2421



37.2263, 20.8094, 14.3665



8.9801, 20.8094, 12.8941

Square

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



37.2263, 20.8094, 14.3665



16.6195, 20.8094, 1.5999



8.8664, 20.8094, 33.6482



23.3149, 20.8094, 90.5070

Rectangle

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



37.2263, 20.8094, 14.3665



26.8799, 20.8094, 2.2056



8.8664, 20.8094, 33.6482



14.0533, 20.8094, 82.7504

Sweetspot

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



37.2268, 20.8106, 14.3668



72.9410, 65.6507, 71.1061



35.9900, 18.7453, 78.8117



15.0015, 13.1160, 14.1348



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.



37.2268, 20.8106, 14.3668



42.9420, 22.2830, 9.8375



38.3402, 25.7670, 6.3226



15.2304, 15.1200, 16.4985



19.6069, 10.0454, 3.7312



1.5784, 0.8043, 0.4975

Inverse Universe

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



37.2268, 20.8106, 14.3668



42.9420, 22.2830, 9.8375



34.8083, 43.9033, 83.7300



15.2304, 15.1200, 16.4985



19.6069, 10.0454, 3.7312



1.5784, 0.8043, 0.4975

Previews

White Background



This preview shows how the XYZ color 37.2263, 20.8094, 14.3665 looks on a white background.

Color Contrast Check

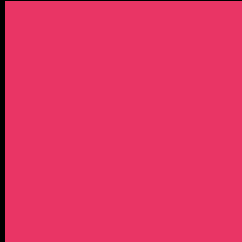
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.2263, 20.8094, 14.3665 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 37.2263, 20.8094, 14.3665

Background



This preview shows how black text looks on a background with the XYZ color 37.2263, 20.8094, 14.3665.



This preview shows how white text looks on a background with the XYZ color 37.2263, 20.8094,

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

37.2263, 20.8094, 14.3665

Protanopia

20.5090, 21.1349, 26.2911

Deuteranopia

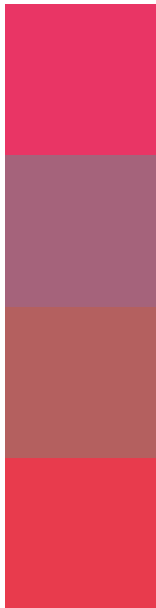
21.3468, 20.9315, 13.0403



Tritanopia

35.6030, 20.8043, 6.9896

Trichromacy



Original Color

37.2263, 20.8094, 14.3665

Protanomaly

23.5540, 18.3531, 21.0400

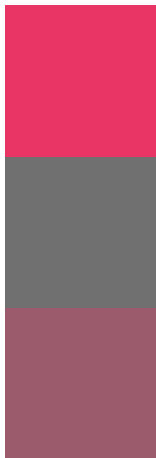
Deuteranomaly

25.0708, 18.8953, 13.1522

Tritanomaly

36.1822, 20.8196, 9.1327

Monochromacy



Original Color

37.2263, 20.8094, 14.3665

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

20.1582, 15.6328, 16.1423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2263, 20.8094, 14.3665 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(233, 53, 101)` looks like.

```
.text, #text, p{  
    color:rgb(233, 53, 101)  
}
```

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(233, 53, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 53, 101) }
```

Border

The CSS property to change the border of an element to XYZ 37.2263, 20.8094, 14.3665 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(233, 53, 101) }
```


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

```
.border{ border-color:rgb(233, 53, 101) }
```

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

Here you see how a box with a 4 pixel rgb(233, 53, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 53, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 53, 101);  
box-shadow:4px 4px 4px 4px rgb(233, 53,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2263, 20.8094, 14.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 53, 101) }
```

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

```
.background{ background-color: rgb(233, 53,  
101) }
```

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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