

Converting Colors

XYZ(43.1349, 23.3562, 7.7831)

Have a look what the booklet for
XYZ(43.1349, 23.3562, 7.7831)
contains.

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Color

**XYZ(43.1114, 23.3333,
7.7004)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2A44
RGB	255, 42, 68
RGB Percent	100%, 16%, 27%
CMY	0.0000, 0.8352, 0.7333
CMYK	0.00, 0.84, 0.73, 0.00
HSL	353°, 100%, 58%
HSV	353°, 84%, 100%
XYZ	43.1114, 23.3333, 7.7004
YIQ	108.6510, 118.6020, 53.2420

Conversions

Conversions Part 2

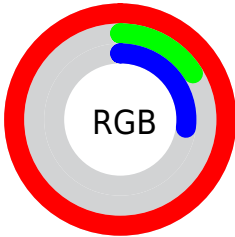
Format	Color
RYB	255, 42, 68
Decimal	16722500
CIELab	55.41, 76.35, 40.42
CIElCh	55, 86.388, 27.897
Yxy	23.3333, 0.5814, 0.3147
Android (android.graphics.Color)	4294912580 (0xFFFF2A44)
YUV	108.6510, -20.0409, 128.3481
Hunter-Lab	48.3046, 74.7767, 24.3616

Details

The XYZ color **43.1114, 23.3333, 7.7004** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **50.8613, 77.6706, 86.4554**, and the grayscale version is **14.4713, 15.2250, 16.5800**.

A 20% lighter version of the original color is **50.0768, 33.8898, 20.4250**, and **21.1617, 10.8890, 1.9061** is the 20% darker color. If you saturate the color by 10%, you get **41.9184, 21.8403, 4.5510**, and if you desaturate by 10%, it is **45.1402, 26.0814, 12.4152**.

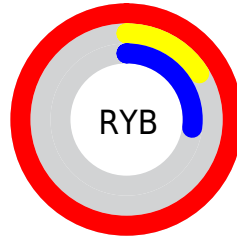
Distribution



Red (100%)

Green (16%)

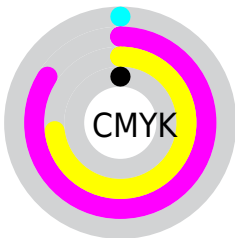
Blue (27%)



Red (100%)

Yellow (16%)

Blue (27%)

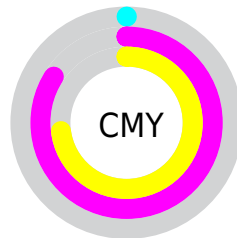


Cyan (0%)

Magenta (84%)

Yellow (73%)

Black (0%)



Cyan (0%)


Magenta (84%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1114, 23.3333, 7.7004 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 43.1114, 23.3333, 7.7004 by changing the saturation by 10% instead.


 43.1114, 23.3333,
7.7004


 43.1114, 23.3333,
7.7004


349.9835,
269.4323, 183.2088


 30.1674, 14.8398,
3.8188


 79.1336, 48.9400,
21.9054


 20.1144, 8.7070,
1.5265


 102.9426, 66.8221,
33.0659


 12.5870, 4.5506,
0.2375


 131.1039, 88.6024,
47.4897

 7.2198, 1.9861,
0.0000

 163.9829,
114.6654, 65.5955

 3.6475, 0.5994,
0.0000

 201.9450,
145.3955, 87.8018

 1.5047, 0.0000,
0.0000

245.3556,

 0.3290, 0.0000,

181.1771, 114.5271

0.0000

294.5800,
222.3946, 146.1899

■ 0.0000, 0.0000,
0.0000

■ 43.1114, 23.3333,
7.7004

■ 43.1114, 23.3333,
7.7004

■ 41.9184, 21.8403,
4.5510

■ 45.1402, 26.0814,
12.4152

■ 41.4885, 21.3594,
3.2396

■ 48.1243, 30.2797,
18.8659

■ 52.1649, 36.0941,
27.2016

■ 57.3500, 43.6665,
37.5547

■ 63.7580, 53.1236,
50.0458

71.4605, 64.5801,
64.7858

80.5235, 78.1419,
81.8781

91.0086, 93.9072,
101.4194

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



46.5596, 23.3333, 27.4193



43.1114, 23.3333, 7.7004



33.6544, 23.3333, 1.6961

Triad

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



43.1114, 23.3333, 7.7004



9.8228, 23.3333, 6.2663



21.4994, 23.3333, 125.0715

Complementary

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



43.1114, 23.3333, 7.7004



50.8613, 77.6706, 86.4554

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.



13.6608, 23.3333, 102.9613



43.1114, 23.3333, 7.7004



8.2620, 23.3333, 23.4937

Square

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



43.1114, 23.3333, 7.7004



14.5382, 23.3333, 1.3932



9.4300, 23.3333, 59.5386



32.1114, 23.3333, 108.0305

Rectangle

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



43.1114, 23.3333, 7.7004



26.3275, 23.3333, 0.7742



9.4300, 23.3333, 59.5386



18.4884, 23.3333, 121.7655

Sweetspot

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



43.1119, 23.3347, 7.7007



70.2372, 62.7555, 62.4598



50.4319, 25.1438, 96.8024



14.4369, 12.5436, 12.2301



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.



43.1119, 23.3347, 7.7007



41.4887, 21.3595, 3.2396



48.3882, 34.8875, 6.3762



18.0995, 18.0231, 19.1411



21.7068, 11.1720, 1.8403



2.1407, 1.0987, 0.3225

Inverse Universe

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



43.1119, 23.3347, 7.7007



41.4887, 21.3595, 3.2396



34.7096, 39.1205, 100.3288



18.0995, 18.0231, 19.1411



21.7068, 11.1720, 1.8403



2.1407, 1.0987, 0.3225

Previews

White Background



This preview shows how the XYZ color 43.1114, 23.3333, 7.7004 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 43.1114, 23.3333, 7.7004 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 43.1114, 23.3333, 7.7004

Background



This preview shows how black text looks on a background with the XYZ color 43.1114, 23.3333, 7.7004.



This preview shows how white text looks on a background with the XYZ color 43.1114, 23.3333, 7.7004.

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

43.1114, 23.3333, 7.7004

Protanopia

21.9198, 23.4965, 14.9353

Deuteranopia

23.7960, 23.4539, 6.8873



Tritanopia

42.3827, 23.3011, 4.8485

Trichromacy



Original Color

43.1114, 23.3333, 7.7004

Protanomaly

26.0446, 19.9928, 11.5031

Deuteranomaly

28.2872, 20.6978, 6.7791

Tritanomaly

42.4773, 23.2139, 5.7320

Monochromacy



Original Color

43.1114, 23.3333, 7.7004

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

20.1692, 14.9865, 12.4193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1114, 23.3333, 7.7004 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(255, 42, 68)` looks like.

```
.text, #text, p{  
    color:rgb(255, 42, 68)  
}
```

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(255, 42, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 42, 68) }
```

Border

The CSS property to change the border of an element to XYZ 43.1114, 23.3333, 7.7004 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(255, 42, 68) }
```


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

```
.border{ border-color:rgb(255, 42, 68) }
```

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

Here you see how a box with a 4 pixel rgb(255, 42, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 42, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 42, 68);  
box-shadow:4px 4px 4px 4px rgb(255, 42,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1114, 23.3333, 7.7004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 42, 68) }
```

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

```
.background{ background-color: rgb(255, 42,  
68) }
```

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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