

Converting Colors

XYZ(14.0165, 7.5373, 33.4087)

Have a look what the booklet for
XYZ(14.0165, 7.5373, 33.4087)
contains.

XYZ(14.0214, 7.5343, 33.5161)	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(14.0214, 7.5343,
33.5161)**

Conversions

Conversions Part 1

Format	Color
Hex	73269F
RGB	115, 38, 159
RGB Percent	45%, 15%, 62%
CMY	0.5490, 0.8510, 0.3765
CMYK	0.28, 0.76, 0.00, 0.38
HSL	278°, 61%, 39%
HSV	278°, 76%, 62%
XYZ	14.0214, 7.5343, 33.5161
YIQ	74.8170, 7.0510, 53.9550

Conversions

Conversions Part 2

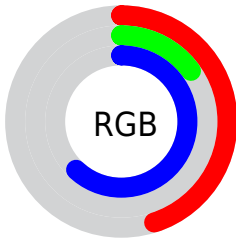
Format	Color
R_{YB}	115, 38, 159
Decimal	7546527
CIE _{Lab}	32.99, 53.01, -50.57
CIE _{LCh}	33, 73.264, 316.353
Yxy	7.5343, 0.2546, 0.1368
Android (android.graphics.Color)	4285736607 (0xFF73269F)
YUV	74.8170, 41.5022, 35.2405
Hunter-Lab	27.4487, 43.1466, -53.1817

Details

The XYZ color **14.0214, 7.5343, 33.5161** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **16.2277, 26.7301, 6.1380**, and the grayscale version is **6.5822, 6.9250, 7.5413**.

A 20% lighter version of the original color is **32.8014, 21.0464, 66.6235**, and **4.5260, 2.0327, 13.7895** is the 20% darker color. If you saturate the color by 10%, you get **12.8808, 6.3462, 33.3470**, and if you desaturate by 10%, it is **15.4276, 9.1818, 33.7601**.

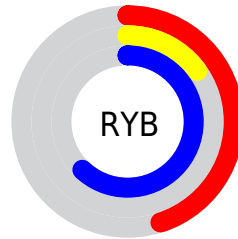
Distribution



Red (45%)

Green (15%)

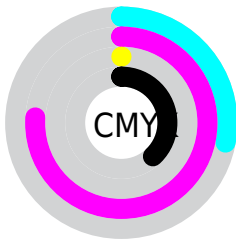
Blue (62%)



Red (45%)

Yellow (15%)

Blue (62%)

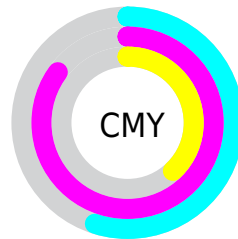


Cyan (28%)

Magenta (76%)

Yellow (0%)

Black (38%)



Cyan (55%)

Magenta (85%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0214, 7.5343, 33.5161 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 14.0214, 7.5343, 33.5161 by changing the saturation by 10% instead.

14.0214, 7.5343,
33.5161

14.0214, 7.5343,
33.5161

210.8719,
172.0323, 332.6720

8.2174, 3.7984,
22.2478

32.7129, 21.0403,
66.3057

4.2873, 1.5615,
13.8390

46.3311, 31.5792,
88.6641

1.8659, 0.3314,
7.8713

63.2848, 45.1546,
115.5562

0.5569, 0.0000,
3.9261

83.9392, 62.1508,
147.4006

0.0000, 0.0000,
1.5849

108.6598, 82.9523,
184.6158

0.0000, 0.0000,
0.2800

137.8118,

0.0000, 0.0000,

107.9435, 227.6205

0.0000

171.7607,
137.5087, 276.8330

■ 14.0214, 7.5343,
33.5161

■ 14.0214, 7.5343,
33.5161

■ 12.8808, 6.3462,
33.3470

■ 15.4276, 9.1818,
33.7601

■ 11.9694, 5.5475,
33.2409

■ 17.1237, 11.3376,
34.0868

■ 11.6455, 5.2805,
33.2065

■ 19.1322, 14.0449,
34.5035

■ 21.4730, 17.3422,
35.0166

■ 24.1640, 21.2644,
35.6318

■ 27.2218, 25.8435,
36.3545

■ 30.6620, 31.1094,
37.1896

■ 34.4992, 37.0901,
38.1418

■ 38.7469, 43.8121,
39.2154

Harmonies

Analogous

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



9.4712, 7.5343, 50.4596



14.0214, 7.5343, 33.5161



17.1200, 7.5343, 14.3408

Triad

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



14.0214, 7.5343, 33.5161



9.0675, 7.5343, 0.0000



2.1260, 7.5343, 15.8003

Complementary

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



14.0214, 7.5343, 33.5161



16.2277, 26.7301, 6.1380

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.



2.0858, 7.5343, 4.1276



14.0214, 7.5343, 33.5161



5.2610, 7.5343, 0.0000

Square

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



14.0214, 7.5343, 33.5161



13.6356, 7.5343, 0.2707



3.0086, 7.5343, 0.4417



3.1503, 7.5343, 35.3703

Rectangle

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



14.0214, 7.5343, 33.5161



17.4161, 7.5343, 6.0612



3.0086, 7.5343, 0.4417



2.0142, 7.5343, 10.7993

Sweetspot

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



14.0218, 7.5346, 33.5163



44.6678, 40.1483, 64.1386



10.1026, 9.0056, 34.0068



9.6680, 8.4550, 14.3661



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.0218, 7.5346, 33.5163



21.9484, 10.3556, 59.5855



19.9392, 10.7365, 26.9553



6.6700, 6.6339, 8.3356



9.2448, 4.1949, 26.2297



0.2103, 0.0982, 0.4711

Inverse Universe

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



16.5143, 9.3665, 8.9201



27.5503, 14.3397, 10.3190



13.8666, 25.4761, 7.6932



6.7278, 6.6840, 7.4176



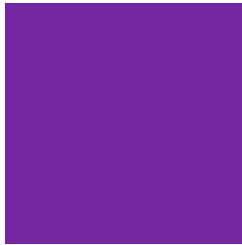
11.9113, 6.0691, 3.7837



0.2324, 0.1163, 0.1700

Previews

White Background



This preview shows how the XYZ color 14.0214, 7.5343, 33.5161 looks on a white background.

Color Contrast Check

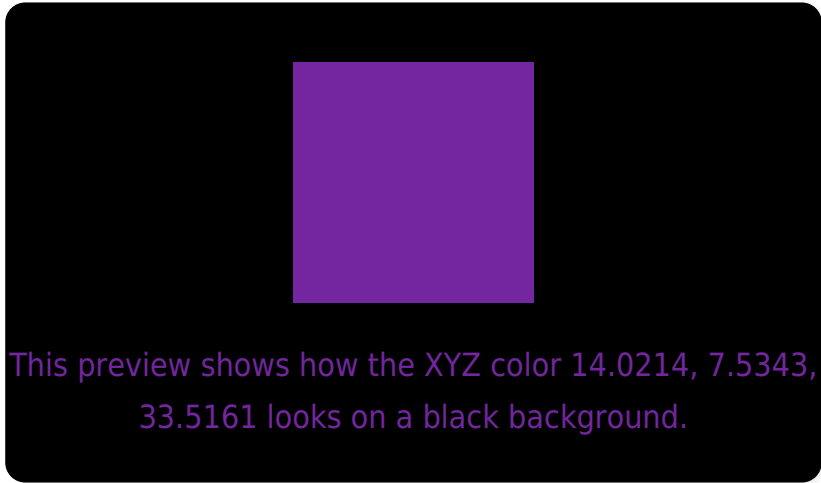
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

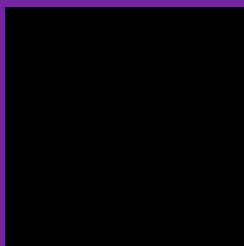
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0214, 7.5343, 33.5161

Background



This preview shows how black text looks on a background with the XYZ color 14.0214, 7.5343, 33.5161.



This preview shows how white text looks on a background with the XYZ color 14.0214, 7.5343,

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

14.0214, 7.5343, 33.5161

Protanopia

8.9296, 7.7069, 34.2747

Deuteranopia

7.6023, 7.6308, 25.8831



Tritanopia

8.8270, 7.6550, 7.6689

Trichromacy



Original Color

14.0214, 7.5343, 33.5161



Protanomaly

9.0226, 6.4756, 34.0321



Deuteranomaly

8.1116, 6.3794, 28.4076



Tritanomaly

10.0584, 7.1309, 14.4819

Monochromacy



Original Color

14.0214, 7.5343, 33.5161



Achromatopsia

6.6877, 7.0360, 7.6622



Achromatomaly

8.5406, 6.6595, 14.4709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0214, 7.5343, 33.5161 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(115, 38, 159)` looks like.

```
.text, #text, p{  
    color:rgb(115, 38, 159)  
}
```

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(115, 38, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 38, 159) }
```

Border

The CSS property to change the border of an element to XYZ 14.0214, 7.5343, 33.5161 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(115, 38, 159) }
```


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

```
.border{ border-color:rgb(115, 38, 159) }
```

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

Here you see how a box with a 4 pixel rgb(115, 38, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 38, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 38, 159);  
box-shadow:4px 4px 4px 4px rgb(115, 38,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0214, 7.5343, 33.5161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 38, 159) }
```

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

```
.background{ background-color: rgb(115, 38,  
159) }
```

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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