

Converting Colors

XYZ(14.7197, 13.7459, 43.4730)

Have a look what the booklet for
XYZ(14.7197, 13.7459, 43.4730)
contains.

XYZ(14.7371, 13.7338, 43.4691)	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(14.7371, 13.7338,
43.4691)**

Conversions

Conversions Part 1

Format	Color
Hex	3F66B1
RGB	63, 102, 177
RGB Percent	25%, 40%, 69%
CMY	0.7529, 0.6000, 0.3059
CMYK	0.64, 0.42, 0.00, 0.31
HSL	219°, 47%, 47%
HSV	219°, 64%, 69%
XYZ	14.7371, 13.7338, 43.4691
YIQ	98.8890, -47.3190, 15.0570

Conversions

Conversions Part 2

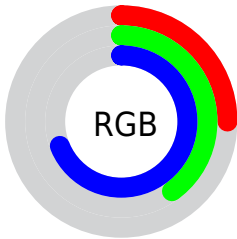
Format	Color
R_{YB}	63, 92, 177
Decimal	4155057
CIE _{Lab}	43.85, 10.64, -44.08
CIE _{LCh}	44, 45.346, 283.577
Yxy	13.7338, 0.2049, 0.1909
Android (android.graphics.Color)	4282345137 (0xFF3F66B1)
YUV	98.8890, 38.5087, -31.4747
Hunter-Lab	37.0591, 6.1296, -43.6037

Details

The XYZ color **14.7371, 13.7338, 43.4691** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **28.1184, 27.8850, 8.6040**, and the grayscale version is **11.7472, 12.3590, 13.4589**.

A 20% lighter version of the original color is **33.9844, 32.7306, 81.6173**, and **5.0523, 4.2836, 19.6293** is the 20% darker color. If you saturate the color by 10%, you get **12.7178, 11.1117, 43.0697**, and if you desaturate by 10%, it is **17.2816, 16.8657, 43.9398**.

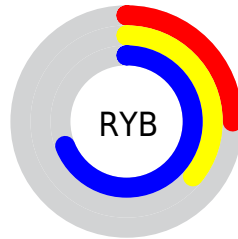
Distribution



Red (25%)

Green (40%)

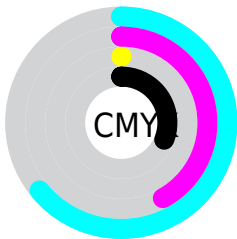
Blue (69%)



Red (25%)

Yellow (36%)

Blue (69%)

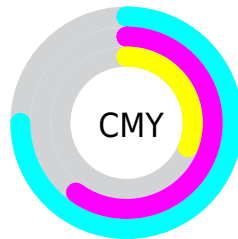


Cyan (64%)

Magenta (42%)

Yellow (0%)

Black (31%)



Cyan (75%)

Magenta (60%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7371, 13.7338, 43.4691 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 14.7371, 13.7338, 43.4691 by changing the saturation by 10% instead.

■ 14.7371, 13.7338,
43.4691

■ 14.7371, 13.7338,
43.4691

215.1895,
215.5684, 376.5151

■ 8.7202, 7.9358,
29.9192

■ 33.9668, 32.6159,
81.7122

■ 4.6148, 4.0539,
19.5258

■ 47.9102, 46.4688,
107.2425

■ 2.0555, 1.7037,
11.8701

■ 65.2266, 63.7755,
137.6034

■ 0.6648, 0.4261,
6.5339

■ 86.2813, 84.9202,
173.2134

■ 0.0000, 0.0000,
3.0983

■ 111.4395,
110.2875, 214.4910

■ 0.0000, 0.0000,
1.1451

141.0667,

■ 0.0000, 0.0000,

140.2617, 261.8548

0.0000

175.5283,
175.2272, 315.7233

■ 14.7371, 13.7338,
43.4691

■ 14.7371, 13.7338,
43.4691

■ 12.7178, 11.1117,
43.0697

■ 17.2816, 16.8657,
43.9398

■ 11.1792, 8.9659,
42.7366

■ 20.3875, 20.5349,
44.4843

■ 10.0709, 7.2603,
42.4658

■ 24.0893, 24.7681,
45.1063

■ 9.5805, 6.4636,
42.3379

■ 28.4182, 29.5898,
45.8089

■ 33.4031, 35.0230,
46.5948

■ 39.0710, 41.0891,
47.4670

■ 45.4474, 47.8088,
48.4279

■ 52.5564, 55.2015,
49.4802

■ 60.4210, 63.2859,
50.6261

Harmonies

Analogous

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



11.2025, 13.7338, 42.9549



14.7371, 13.7338, 43.4691



18.3969, 13.7338, 34.2653

Triad

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



14.7371, 13.7338, 43.4691



18.7025, 13.7338, 5.0651



7.5014, 13.7338, 10.0438

Complementary

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



14.7371, 13.7338, 43.4691



28.1184, 27.8850, 8.6040

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.



8.8602, 13.7338, 4.7360



14.7371, 13.7338, 43.4691



15.0981, 13.7338, 2.8947

Square

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



14.7371, 13.7338, 43.4691



20.9534, 13.7338, 10.7869



11.5034, 13.7338, 2.8107



7.4404, 13.7338, 20.0755

Rectangle

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



14.7371, 13.7338, 43.4691



20.2395, 13.7338, 25.5541



11.5034, 13.7338, 2.8107



7.8085, 13.7338, 7.7846

Sweetspot

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



14.7377, 13.7342, 43.4695



55.2796, 57.7963, 82.7375



22.2953, 34.3106, 29.1531



11.4490, 11.9451, 17.8465



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



14.7377, 13.7342, 43.4695



21.6010, 18.2987, 76.8888



13.0310, 8.4402, 42.5376



8.2717, 8.6896, 10.7476



6.9928, 4.7861, 30.6922



0.2756, 0.2617, 0.9842

Inverse Universe

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



22.3078, 13.8623, 14.0705



36.7300, 20.4646, 17.7061



31.0972, 39.2669, 10.6439



8.6123, 8.5517, 9.4571



13.7643, 7.0233, 3.9189



0.4611, 0.2322, 0.2710

Previews

White Background



This preview shows how the XYZ color 14.7371, 13.7338, 43.4691 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 × Fail

Black Background



This preview shows how the XYZ color 14.7371, 13.7338, 43.4691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

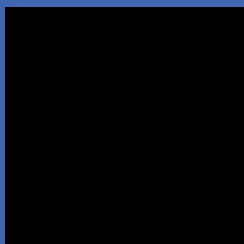
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7371, 13.7338, 43.4691

Background



This preview shows how black text looks on a background with the XYZ color 14.7371, 13.7338, 43.4691.



This preview shows how white text looks on a background with the XYZ color 14.7371, 13.7338,

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

14.7371, 13.7338, 43.4691

Protanopia

15.0887, 13.7815, 42.9391

Deuteranopia

14.0534, 13.6882, 42.9757



Tritanopia

10.1881, 13.7718, 20.8601

Trichromacy



Original Color

14.7371, 13.7338, 43.4691

Protanomaly

14.8740, 13.6709, 42.9291

Deuteranomaly

14.2080, 13.6194, 42.9542

Tritanomaly

11.5301, 13.6486, 28.0133

Monochromacy



Original Color

14.7371, 13.7338, 43.4691

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.2257, 12.6251, 21.8712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7371, 13.7338, 43.4691 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(63, 102, 177)` looks like.

```
.text, #text, p{  
    color:rgb(63, 102, 177)  
}
```

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(63, 102, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 102, 177) }
```

Border

The CSS property to change the border of an element to XYZ 14.7371, 13.7338, 43.4691 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(63, 102, 177) }
```


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

```
.border{ border-color:rgb(63, 102, 177) }
```

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

Here you see how a box with a 4 pixel rgb(63, 102, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 102, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 102, 177);  
box-shadow:4px 4px 4px 4px rgb(63, 102,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7371, 13.7338, 43.4691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 102, 177) }
```

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

```
.background{ background-color: rgb(63, 102,  
177) }
```

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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