

Converting Colors

XYZ(14.3568, 15.7743, 35.0396)

Have a look what the booklet for
XYZ(14.3568, 15.7743, 35.0396)
contains.

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Color

**XYZ(14.3753, 15.7888,
35.0908)**

Conversions

Conversions Part 1

Format	Color
Hex	3E739F
RGB	62, 115, 159
RGB Percent	24%, 45%, 62%
CMY	0.7568, 0.5490, 0.3765
CMYK	0.61, 0.28, 0.00, 0.38
HSL	207°, 44%, 43%
HSV	207°, 61%, 62%
XYZ	14.3753, 15.7888, 35.0908
YIQ	104.1690, -45.7120, 2.4480

Conversions

Conversions Part 2

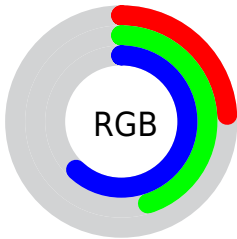
Format	Color
R_{YB}	62, 96, 159
Decimal	4092831
CIE _{Lab}	46.70, -3.85, -29.03
CIE _{LCh}	47, 29.279, 262.454
Yxy	15.7888, 0.2203, 0.2420
Android (android.graphics.Color)	4282282911 (0xFF3E739F)
YUV	104.1690, 27.0317, -36.9822
Hunter-Lab	39.7351, -4.9591, -24.5455

Details


The XYZ color **14.3753, 15.7888, 35.0908** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **20.3222, 18.0275, 6.9666**, and the grayscale version is **13.1425, 13.8269, 15.0575**.

A 20% lighter version of the original color is **33.4275, 36.3440, 68.8716**, and **4.6610, 5.0758, 14.6440** is the 20% darker color. If you saturate the color by 10%, you get **12.7298, 13.7672, 34.7876**, and if you desaturate by 10%, it is **16.3780, 18.0906, 35.4299**.

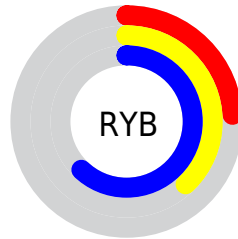
Distribution



 Red (24%)

 Green (45%)

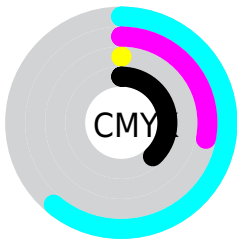
 Blue (62%)





 Red (24%)

 Yellow (38%)

 Blue (62%)

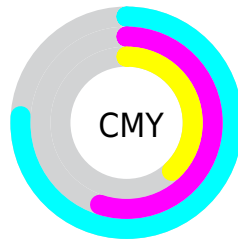


 Cyan (61%)


 Magenta (28%)

 Yellow (0%)

 Black (38%)



 Cyan (76%)

 Magenta (55%)

 Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3753, 15.7888, 35.0908 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 14.3753, 15.7888, 35.0908 by changing the saturation by 10% instead.

■ 14.3753, 15.7888,
35.0908

■ 14.3753, 15.7888,
35.0908

213.0175,
228.0922, 339.8854

■ 8.4656, 9.3748,
23.4487

■ 33.3342, 36.2312,
68.7796

■ 4.4486, 4.9865,
14.7168

■ 47.1141, 51.0283,
91.6633

■ 1.9589, 2.2393,
8.4764

■ 64.2481, 69.3887,
119.1314

■ 0.6107, 0.7413,
4.3092

■ 85.1016, 91.6967,
151.6023

■ 0.0000, 0.0000,
1.7964

■ 110.0400,
118.3366, 189.4947

■ 0.0000, 0.0000,
0.4256

139.4285,

■ 0.0000, 0.0000,

149.6929, 233.2269

0.0000

173.6325,
186.1500, 283.2176

■ 14.3753, 15.7888,
35.0908

■ 14.3753, 15.7888,
35.0908

■ 12.7298, 13.7672,
34.7876

■ 16.3780, 18.0906,
35.4299

■ 11.4122, 12.0077,
34.5175

■ 18.7607, 20.6857,
35.8052

■ 10.3903, 10.4919,
34.2787

■ 21.5462, 23.5882,
36.2186

■ 9.6562, 9.2996,
34.0873

■ 24.7548, 26.8104,
36.6714

■ 28.4055, 30.3641,
37.1650

■ 32.5158, 34.2603,
37.7004

■ 37.1026, 38.5093,
38.2787

■ 42.1815, 43.1210,
38.9012

■ 47.7677, 48.1051,
39.5688

Harmonies

Analogous

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



12.2263, 15.7888, 30.8158



14.3753, 15.7888, 35.0908



16.9479, 15.7888, 33.6029

Triad

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



14.3753, 15.7888, 35.0908



19.9811, 15.7888, 12.3888



11.4622, 15.7888, 10.0063

Complementary

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



14.3753, 15.7888, 35.0908



20.3222, 18.0275, 6.9666

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.



13.2198, 15.7888, 7.2432



14.3753, 15.7888, 35.0908



18.1798, 15.7888, 8.3239

Square

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



14.3753, 15.7888, 35.0908



20.3801, 15.7888, 19.0918



15.6565, 15.7888, 6.7287



10.6721, 15.7888, 15.4213

Rectangle

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



14.3753, 15.7888, 35.0908



18.5458, 15.7888, 29.6951



15.6565, 15.7888, 6.7287



11.9493, 15.7888, 8.8071

Sweetspot

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



14.3759, 15.7894, 35.0912



45.9948, 49.6498, 65.9026



16.9686, 26.8542, 17.8302



9.9804, 10.8105, 14.8043



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.



14.3759, 15.7894, 35.0912



21.9360, 23.5382, 62.1306



10.2434, 7.5244, 33.7137



6.5700, 7.0057, 8.4126



7.6689, 7.4293, 26.9370



0.1791, 0.2168, 0.4956

Inverse Universe

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



19.1157, 12.0545, 17.5394



31.6081, 17.8461, 25.8818



26.7484, 30.8799, 9.1086



6.7770, 6.7037, 7.6770



12.6691, 6.3722, 7.7745



0.2477, 0.1224, 0.2506

Previews

White Background



This preview shows how the XYZ color 14.3753, 15.7888, 35.0908 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 14.3753, 15.7888, 35.0908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

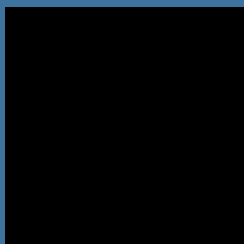
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

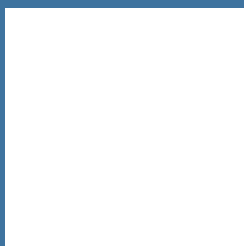
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3753, 15.7888, 35.0908

Background



This preview shows how black text looks on a background with the XYZ color 14.3753, 15.7888, 35.0908.

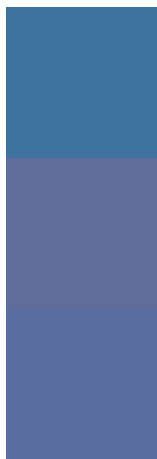


This preview shows how white text looks on a background with the XYZ color 14.3753, 15.7888,

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

14.3753, 15.7888, 35.0908

Protanopia

16.1252, 15.7572, 32.7634

Deuteranopia

16.0303, 15.6490, 35.4334



Tritanopia

12.0124, 15.6976, 23.5159

Trichromacy



Original Color

14.3753, 15.7888, 35.0908

Protanomaly

15.3413, 15.6540, 33.6654

Deuteranomaly

15.3379, 15.6124, 35.4628

Tritanomaly

12.8075, 15.6642, 27.5478

Monochromacy



Original Color

14.3753, 15.7888, 35.0908

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.1205, 14.3042, 21.1382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3753, 15.7888, 35.0908 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(62, 115, 159)` looks like.

```
.text, #text, p{  
    color:rgb(62, 115, 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(62, 115, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 115, 159) }
```

Border

The CSS property to change the border of an element to XYZ 14.3753, 15.7888, 35.0908 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(62, 115, 159) }
```


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

```
.border{ border-color:rgb(62, 115, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 115, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 115, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 115, 159);  
box-shadow:4px 4px 4px 4px rgb(62, 115,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3753, 15.7888, 35.0908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 115, 159) }
```

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

```
.background{ background-color: rgb(62, 115,  
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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