

Converting Colors

XYZ(15.3904, 14.9312, 45.7869)

Have a look what the booklet for
XYZ(15.3904, 14.9312, 45.7869)
contains.

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Color

**XYZ(15.3904, 14.9312,
45.7869)**

Conversions

Conversions Part 1

Format	Color
Hex	396CB5
RGB	57, 108, 181
RGB Percent	22%, 42%, 71%
CMY	0.7764, 0.5765, 0.2902
CMYK	0.69, 0.40, 0.00, 0.29
HSL	215°, 52%, 47%
HSV	215°, 69%, 71%
XYZ	15.3904, 14.9312, 45.7869
YIQ	101.0730, -53.8290, 11.8910

Conversions

Conversions Part 2

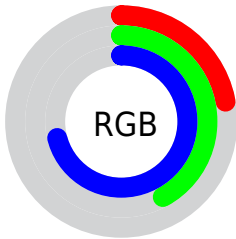
Format	Color
R_{YB}	57, 93, 181
Decimal	3763381
CIE Lab	45.54, 7.27, -43.74
CIE LCh	46, 44.335, 279.435
Yxy	14.9312, 0.2022, 0.1962
Android (android.graphics.Color)	4281953461 (0xFF396CB5)
YUV	101.0730, 39.4040, -38.6520
Hunter-Lab	38.6409, 3.4737, -43.2061

Details

The XYZ color **15.3904, 14.9312, 45.7869** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **27.7784, 26.0864, 7.4430**, and the grayscale version is **12.3007, 12.9413, 14.0930**.

A 20% lighter version of the original color is **35.0203, 34.6926, 84.9713**, and **5.5650, 4.8960, 21.0738** is the 20% darker color. If you saturate the color by 10%, you get **13.4804, 12.3790, 45.3953**, and if you desaturate by 10%, it is **17.8067, 17.9487, 46.2423**.

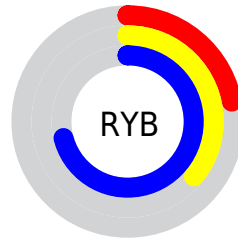
Distribution



Red (22%)

Green (42%)

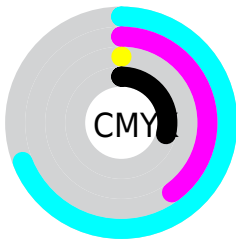
Blue (71%)



Red (22%)

Yellow (36%)

Blue (71%)

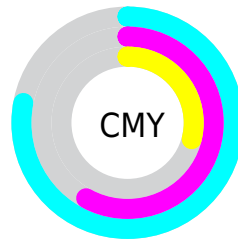


Cyan (69%)

Magenta (40%)

Yellow (0%)

Black (29%)



Cyan (78%)

Magenta (58%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3904, 14.9312, 45.7869 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 15.3904, 14.9312, 45.7869 by changing the saturation by 10% instead.

■ 15.3904, 14.9312,
45.7869

■ 15.3904, 14.9312,
45.7869

219.0590,
222.9494, 386.2039

■ 9.1819, 8.7711,
31.7302

■ 35.1027, 34.7324,
85.2309

■ 4.9181, 4.5922,
20.8924

■ 49.3372, 49.1424,
111.4553

■ 2.2335, 2.0100,
12.8549

■ 66.9778, 67.0711,
142.5728

■ 0.7603, 0.6133,
7.1992

■ 88.3898, 88.9029,
179.0017

■ 0.0000, 0.0000,
3.5066

■ 113.9385,
115.0222, 221.1608

■ 0.0000, 0.0000,
1.3588

143.9894,

■ 0.0000, 0.0000,

145.8135, 269.4685

0.1093

178.9078,
181.6611, 324.3434

■ 0.0000, 0.0000,
0.0000

■ 15.3904, 14.9312,
45.7869

■ 15.3904, 14.9312,
45.7869

■ 13.4804, 12.3790,
45.3953

■ 17.8067, 17.9487,
46.2423

■ 12.0288, 10.2597,
45.0627

■ 20.7674, 21.4575,
46.7635

■ 10.9611, 8.5271,
44.7846

■ 24.3085, 25.4830,
47.3539

■ 10.8187, 8.2926,
44.7468

■ 28.4624, 30.0483,
48.0162

■ 33.2586, 35.1747,
48.7529

■ 38.7251, 40.8824,
49.5664

■ 44.8877, 47.1904,
50.4592

■ 51.7711, 54.1168,
51.4333

■ 59.3986, 61.6789,
52.4910

Harmonies

Analogous

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



11.8359, 14.9312, 43.7768



15.3904, 14.9312, 45.7869



19.2086, 14.9312, 37.6239

Triad

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



15.3904, 14.9312, 45.7869



20.4277, 14.9312, 6.4443



8.5174, 14.9312, 10.0981

Complementary

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



15.3904, 14.9312, 45.7869



27.7784, 26.0864, 7.4430

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.



10.1345, 14.9312, 5.0507



15.3904, 14.9312, 45.7869



16.8409, 14.9312, 3.6680

Square

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



15.3904, 14.9312, 45.7869



22.4324, 14.9312, 13.1404



13.0568, 14.9312, 3.3018



8.2657, 14.9312, 19.8323

Rectangle

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



15.3904, 14.9312, 45.7869



21.2430, 14.9312, 28.9790



13.0568, 14.9312, 3.3018



8.9039, 14.9312, 7.9402

Sweetspot

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



15.3910, 14.9317, 45.7873



56.9999, 60.2789, 86.9254



22.1966, 35.5120, 26.5711



11.8113, 12.4860, 18.7098



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



15.3910, 14.9317, 45.7873



22.7810, 20.2305, 80.9988



12.1422, 7.4686, 44.5180



8.3194, 8.7851, 10.7635



7.5230, 5.8464, 30.8690



0.2948, 0.3001, 0.9906

Inverse Universe

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



23.2265, 13.8335, 15.6337



38.4374, 20.6552, 20.1608



33.9850, 41.9641, 10.1805



8.6364, 8.5613, 9.5839



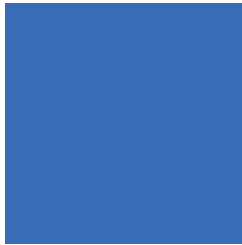
14.0319, 7.1303, 5.3281



0.4708, 0.2361, 0.3220

Previews

White Background



This preview shows how the XYZ color 15.3904, 14.9312, 45.7869 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 15.3904, 14.9312, 45.7869 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 15.3904, 14.9312, 45.7869

Background



This preview shows how black text looks on a background with the XYZ color 15.3904, 14.9312, 45.7869.



This preview shows how white text looks on a background with the XYZ color 15.3904, 14.9312,

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

15.3904, 14.9312, 45.7869

Protanopia

16.1480, 14.8953, 44.1435

Deuteranopia

15.3339, 14.9021, 45.7843



Tritanopia

10.6973, 14.8498, 23.0714

Trichromacy



Original Color

15.3904, 14.9312, 45.7869

Protanomaly

15.8165, 14.8648, 44.6834

Deuteranomaly

15.3339, 14.9021, 45.7843

Tritanomaly

11.9549, 14.6465, 30.2139

Monochromacy



Original Color

15.3904, 14.9312, 45.7869

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.7259, 13.4436, 23.0432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3904, 14.9312, 45.7869 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(57, 108, 181)` looks like.

```
.text, #text, p{  
    color:rgb(57, 108, 181)  
}
```

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(57, 108, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 108, 181) }
```

Border

The CSS property to change the border of an element to XYZ 15.3904, 14.9312, 45.7869 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(57, 108, 181) }
```


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

```
.border{ border-color:rgb(57, 108, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 108, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 108, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 108, 181);  
box-shadow:4px 4px 4px 4px rgb(57, 108,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3904, 14.9312, 45.7869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 108, 181) }
```

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

```
.background{ background-color: rgb(57, 108,  
181) }
```

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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