

Converting Colors

XYZ(15.8473, 15.3736, 47.8312)

Have a look what the booklet for
XYZ(15.8473, 15.3736, 47.8312)
contains.

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Color

**XYZ(15.9084, 15.4669,
48.0459)**

Conversions

Conversions Part 1

Format	Color
Hex	376EB9
RGB	55, 110, 185
RGB Percent	22%, 43%, 73%
CMY	0.7843, 0.5686, 0.2745
CMYK	0.70, 0.41, 0.00, 0.27
HSL	215°, 54%, 47%
HSV	215°, 70%, 73%
XYZ	15.9084, 15.4669, 48.0459
YIQ	102.1050, -56.8550, 11.6650

Conversions

Conversions Part 2

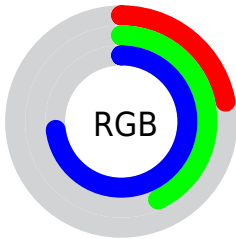
Format	Color
R_{YB}	55, 94, 185
Decimal	3632825
CIE _{Lab}	46.27, 7.16, -44.91
CIE _{LCh}	46, 45.473, 279.055
Yxy	15.4669, 0.2003, 0.1947
Android (android.graphics.Color)	4281822905 (0xFF376EB9)
YUV	102.1050, 40.8672, -41.3111
Hunter-Lab	39.3280, 3.3803, -44.9034

Details

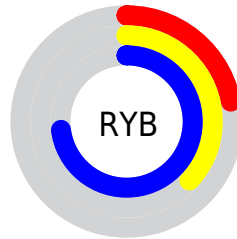
The XYZ color **15.9084, 15.4669, 48.0459** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **28.6809, 26.5572, 7.2297**, and the grayscale version is **12.5647, 13.2190, 14.3955**.

A 20% lighter version of the original color is **36.1080, 35.6825, 88.9887**, and **5.8742, 5.1937, 22.1656** is the 20% darker color. If you saturate the color by 10%, you get **13.9954, 12.8730, 47.6464**, and if you desaturate by 10%, it is **18.3412, 18.5350, 48.5102**.

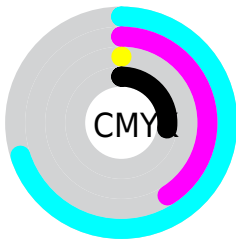
Distribution



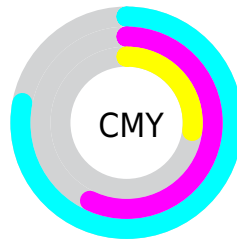
- Red (22%)
- Green (43%)
- Blue (73%)



- Red (22%)
- Yellow (37%)
- Blue (73%)



- Cyan (70%)
- Magenta (41%)
- Yellow (0%)
- Black (27%)



- Cyan (78%)
- Magenta (57%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9084, 15.4669, 48.0459 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 15.9084, 15.4669, 48.0459 by changing the saturation by 10% instead.

■ 15.9084, 15.4669,
48.0459

■ 15.9084, 15.4669,
48.0459

222.0816,
226.1751, 395.4880

■ 9.5498, 9.1477,
33.5030

■ 35.9978, 35.6702,
88.6390

■ 5.1615, 4.8377,
22.2378

■ 50.4594, 50.3231,
115.5263

■ 2.3780, 2.1523,
13.8317

■ 68.3526, 68.5227,
147.3654

■ 0.8341, 0.6938,
7.8663

■ 90.0429, 90.6534,
184.5749

■ 0.0000, 0.0000,
3.9230

■ 115.8956,
117.0996, 227.5734

■ 0.0000, 0.0000,
1.5832

146.2760,

■ 0.0000, 0.0000,

148.2457, 276.7794

0.2788

181.5496,
184.4761, 332.6114

■ 0.0000, 0.0000,
0.0000

■ 15.9084, 15.4669,
48.0459

■ 15.9084, 15.4669,
48.0459

■ 13.9954, 12.8730,
47.6464

■ 18.3412, 18.5350,
48.5102

■ 12.5503, 10.7188,
47.3068

■ 21.3345, 22.1048,
49.0415

■ 11.5003, 8.9894,
47.0283

■ 24.9270, 26.2030,
49.6432

■ 29.1528, 30.8534,
50.3181

■ 34.0436, 36.0785,
51.0688

■ 39.6287, 41.8991,
51.8980

■ 45.9356, 48.3352,
52.8078

■ 52.9902, 55.4054,
53.8007

■ 60.8171, 63.1277,
54.8788

Harmonies

Analogous

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



12.1882, 15.4669, 45.7747



15.9084, 15.4669, 48.0459



19.9292, 15.4669, 39.5237

Triad

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



15.9084, 15.4669, 48.0459



21.3002, 15.4669, 6.6359



8.7684, 15.4669, 10.2908

Complementary

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



15.9084, 15.4669, 48.0459



28.6809, 26.5572, 7.2297

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.



10.4776, 15.4669, 5.0897



15.9084, 15.4669, 48.0459



17.5370, 15.4669, 3.7186

Square

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



15.9084, 15.4669, 48.0459



23.3833, 15.4669, 13.6925



13.5560, 15.4669, 3.3150



8.4876, 15.4669, 20.4381

Rectangle

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



15.9084, 15.4669, 48.0459



22.0857, 15.4669, 30.4157



13.5560, 15.4669, 3.3150



9.1784, 15.4669, 8.0595

Sweetspot

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



15.9090, 15.4674, 48.0463



59.9695, 63.5577, 91.3117



22.8656, 37.0868, 26.6074



12.3935, 13.1343, 19.6036



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



15.9090, 15.4674, 48.0463



23.6453, 20.9908, 85.0100



12.2167, 7.3149, 46.6673



8.8250, 9.3273, 11.4146



7.8996, 6.2589, 32.0448



0.3401, 0.3438, 1.1502

Inverse Universe

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



24.1888, 14.1732, 16.2131



40.1465, 21.3251, 20.9146



36.0191, 44.2432, 10.2567



9.1580, 9.0736, 10.1796



14.6010, 7.4142, 5.7859



0.5458, 0.2738, 0.3676

Previews

White Background



This preview shows how the XYZ color 15.9084, 15.4669, 48.0459 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 15.9084, 15.4669, 48.0459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

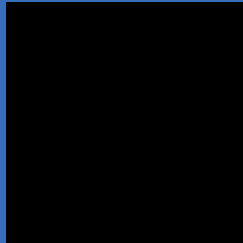
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9084, 15.4669, 48.0459

Background



This preview shows how black text looks on a background with the XYZ color 15.9084, 15.4669, 48.0459.



This preview shows how white text looks on a background with the XYZ color 15.9084, 15.4669,

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

15.9084, 15.4669, 48.0459

Protanopia

16.8431, 15.5125, 46.3625

Deuteranopia

15.8542, 15.4389, 48.0433



Tritanopia

10.9341, 15.3134, 23.8522

Trichromacy



Original Color

15.9084, 15.4669, 48.0459

Protanomaly

16.4356, 15.4461, 46.9149

Deuteranomaly

15.8542, 15.4389, 48.0433

Tritanomaly

12.2357, 15.1057, 31.5490

Monochromacy



Original Color

15.9084, 15.4669, 48.0459

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.9627, 13.7004, 23.7910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9084, 15.4669, 48.0459 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(55, 110, 185)` looks like.

```
.text, #text, p{  
    color:rgb(55, 110, 185)  
}
```

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(55, 110, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 110, 185) }
```

Border

The CSS property to change the border of an element to XYZ 15.9084, 15.4669, 48.0459 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(55, 110, 185) }
```


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

```
.border{ border-color:rgb(55, 110, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 110, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 110, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 110, 185);  
box-shadow:4px 4px 4px 4px rgb(55, 110,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9084, 15.4669, 48.0459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 110, 185) }
```

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

```
.background{ background-color: rgb(55, 110,  
185) }
```

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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