

Converting Colors

XYZ(14.8244, 6.7617, 48.1491)

Have a look what the booklet for
XYZ(14.8244, 6.7617, 48.1491)
contains.

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Color

**XYZ(14.7792, 6.7315,
48.0973)**

Conversions

Conversions Part 1

Format	Color
Hex	670ABC
RGB	103, 10, 188
RGB Percent	40%, 4%, 74%
CMY	0.5961, 0.9608, 0.2627
CMYK	0.45, 0.95, 0.00, 0.26
HSL	271°, 90%, 39%
HSV	271°, 95%, 74%
XYZ	14.7792, 6.7315, 48.0973
YIQ	58.0990, -1.7100, 75.0740

Conversions

Conversions Part 2

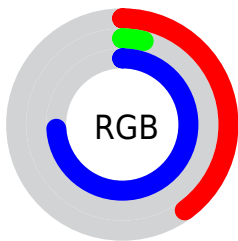
Format	Color
R_{YB}	103, 10, 188
Decimal	6752956
CIE _{Lab}	31.19, 65.47, -70.96
CIE _{LCh}	31, 96.551, 312.698
Yxy	6.7315, 0.2123, 0.0967
Android (android.graphics.Color)	4284943036 (0xFF670ABC)
YUV	58.0990, 64.0412, 39.3782
Hunter-Lab	25.9451, 56.2755, -91.7507

Details

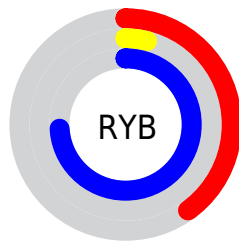
The XYZ color **14.7792, 6.7315, 48.0973** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **22.7566, 38.4210, 6.5037**, and the grayscale version is **3.9523, 4.1581, 4.5282**.

A 20% lighter version of the original color is **33.9662, 19.4428, 88.3488**, and **5.0330, 2.1055, 22.3314** is the 20% darker color. If you saturate the color by 10%, you get **14.1391, 6.2404, 48.0364**, and if you desaturate by 10%, it is **16.1912, 7.9431, 48.2569**.

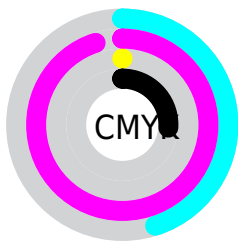
Distribution



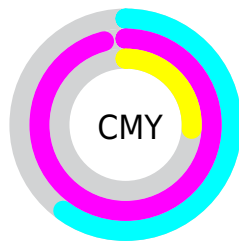
- Red (40%)
- Green (4%)
- Blue (74%)



- Red (40%)
- Yellow (4%)
- Blue (74%)



- Cyan (45%)
- Magenta (95%)
- Yellow (0%)
- Black (26%)



- Cyan (60%)
- Magenta (96%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7792, 6.7315, 48.0973 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 14.7792, 6.7315, 48.0973 by changing the saturation by 10% instead.

■ 14.7792, 6.7315,
48.0973

■ 14.7792, 6.7315,
48.0973

215.4408,
165.4137, 395.6975

■ 8.7499, 3.2948,
33.5434

■ 34.0402, 19.4310,
88.7163

■ 4.6342, 1.2875,
22.2685

■ 48.0026, 29.4625,
115.6185

■ 2.0668, 0.1315,
13.8541

■ 65.3401, 42.4611,
147.4739

■ 0.6711, 0.0000,
7.8817

■ 86.4180, 58.8111,
184.7010

■ 0.0000, 0.0000,
3.9327

■ 111.6016, 78.8970,
227.7184

■ 0.0000, 0.0000,
1.5885

■ 141.2564,

■ 0.0000, 0.0000,

103.1031, 276.9446


0.2826


 175.7477,
131.8139, 332.7981

 0.0000, 0.0000,
0.0000


 14.7792, 6.7315,
48.0973


 14.7792, 6.7315,
48.0973


 14.1391, 6.2404,
48.0364

 16.1912, 7.9431,
48.2569

 17.9969, 9.7738,
48.5151

 20.2445, 12.3145,
48.8870

 22.9739, 15.6402,
49.3851

 26.2198, 19.8163,
50.0201

■ 30.0133, 24.9010,
50.8016

■ 34.3832, 30.9470,
51.7383

■ 39.3556, 38.0033,
52.8382

■ 44.9552, 46.1152,
54.1089

Harmonies

Analogous

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



8.6171, 6.7315, 73.6303



14.7792, 6.7315, 48.0973



19.6354, 6.7315, 18.1519

Triad

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



14.7792, 6.7315, 48.0973



9.5086, 6.7315, 0.0000



0.9903, 6.7315, 14.6914

Complementary

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



14.7792, 6.7315, 48.0973



22.7566, 38.4210, 6.5037

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.



1.0459, 6.7315, 1.9855



14.7792, 6.7315, 48.0973



4.5971, 6.7315, 0.0000

Square

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



14.7792, 6.7315, 48.0973



15.7024, 6.7315, 0.0000



1.9949, 6.7315, 0.0000



1.7662, 6.7315, 43.0856

Rectangle

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



14.7792, 6.7315, 48.0973



20.4972, 6.7315, 6.1687



1.9949, 6.7315, 0.0000



0.9302, 6.7315, 8.6274

Sweetspot

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



14.7796, 6.7317, 48.0975



59.1982, 51.7391, 93.0928



13.3880, 12.0669, 49.2006



12.0037, 10.1236, 19.8640



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



14.7796, 6.7317, 48.0975



25.3393, 11.1625, 87.0453



29.6081, 14.4126, 47.1389



9.4793, 9.4640, 11.9993



9.7129, 4.2933, 32.7097



0.4556, 0.2069, 1.2848

Inverse Universe

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



22.9128, 11.7345, 11.8820



40.7909, 20.6583, 18.6336



18.1808, 36.0600, 6.3816



9.7148, 9.6102, 10.8869



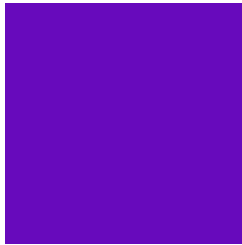
15.4071, 7.7940, 7.4376



0.6366, 0.3185, 0.4655

Previews

White Background



This preview shows how the XYZ color 14.7792, 6.7315, 48.0973 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

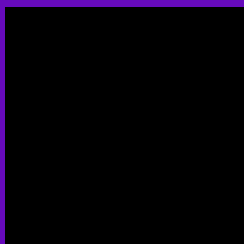
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7792, 6.7315, 48.0973

Background



This preview shows how black text looks on a background with the XYZ color 14.7792, 6.7315, 48.0973.



This preview shows how white text looks on a background with the XYZ color 14.7792, 6.7315,

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

14.7792, 6.7315, 48.0973

Protanopia

7.9849, 6.9017, 30.6171

Deuteranopia

6.7506, 6.9464, 22.4577



Tritanopia

6.9206, 7.0399, 8.3912

Trichromacy



Original Color

14.7792, 6.7315, 48.0973

Protanomaly

8.6528, 5.3066, 36.1655

Deuteranomaly

7.7035, 5.2065, 30.3047

Tritanomaly

8.3514, 5.6780, 18.1086

Monochromacy



Original Color

14.7792, 6.7315, 48.0973

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

6.1668, 4.0616, 13.8236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7792, 6.7315, 48.0973 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(103, 10, 188)` looks like.

```
.text, #text, p{  
    color:rgb(103, 10, 188)  
}
```

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(103, 10, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 10, 188) }
```

Border

The CSS property to change the border of an element to XYZ 14.7792, 6.7315, 48.0973 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(103, 10, 188) }
```


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

```
.border{ border-color:rgb(103, 10, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 10, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 10, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 10, 188);  
box-shadow:4px 4px 4px 4px rgb(103, 10,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7792, 6.7315, 48.0973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 10, 188) }
```

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

```
.background{ background-color: rgb(103, 10,  
188) }
```

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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