

Converting Colors

XYZ(14.9335, 15.4651, 47.5454)

Have a look what the booklet for
XYZ(14.9335, 15.4651, 47.5454)
contains.

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Color

**XYZ(14.9335, 15.4651,
47.5454)**

Conversions

Conversions Part 1

Format	Color
Hex	1871B8
RGB	24, 113, 184
RGB Percent	9%, 44%, 72%
CMY	0.9058, 0.5569, 0.2784
CMYK	0.87, 0.39, 0.00, 0.28
HSL	207°, 77%, 41%
HSV	207°, 87%, 72%
XYZ	14.9335, 15.4651, 47.5454
YIQ	94.4830, -75.8350, 3.2130

Conversions

Conversions Part 2

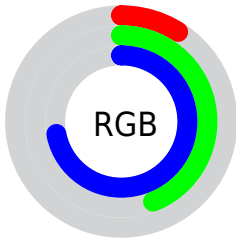
Format	Color
R_{YB}	24, 81, 184
Decimal	1601976
CIE _{Lab}	46.26, 1.42, -44.38
CIE _{LCh}	46, 44.402, 271.831
Yxy	15.4651, 0.1916, 0.1984
Android (android.graphics.Color)	4279792056 (0xFF1871B8)
YUV	94.4830, 44.1319, -61.8136
Hunter-Lab	39.3257, -1.0365, -44.1546

Details

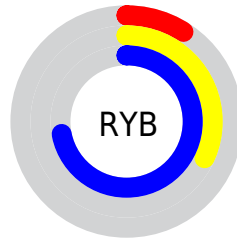
The XYZ color **14.9335, 15.4651, 47.5454** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **24.0261, 18.4440, 3.1588**, and the grayscale version is **10.6666, 11.2221, 12.2208**.

A 20% lighter version of the original color is **34.1492, 35.4948, 87.4894**, and **5.9775, 5.5081, 21.8672** is the 20% darker color. If you saturate the color by 10%, you get **13.7569, 13.5665, 47.2413**, and if you desaturate by 10%, it is **16.4815, 17.6771, 47.8911**.

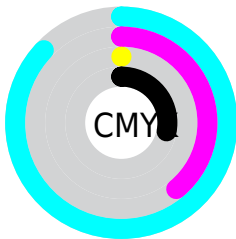
Distribution



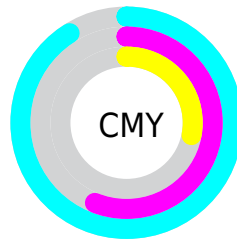
- Red (9%)
- Green (44%)
- Blue (72%)



- Red (9%)
- Yellow (32%)
- Blue (72%)



- Cyan (87%)
- Magenta (39%)
- Yellow (0%)
- Black (28%)



- Cyan (91%)
- Magenta (56%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9335, 15.4651, 47.5454 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 14.9335, 15.4651, 47.5454 by changing the saturation by 10% instead.

■ 14.9335, 15.4651,
47.5454

■ 14.9335, 15.4651,
47.5454

216.3597,
226.1643, 393.4440

■ 8.8587, 9.1465,
33.1096

■ 34.3091, 35.6671,
87.8857

■ 4.7055, 4.8368,
21.9386

■ 48.3406, 50.3192,
114.6272

■ 2.1085, 2.1518,
13.6139

■ 65.7551, 68.5179,
146.3077

■ 0.6938, 0.6935,
7.7170

■ 86.9180, 90.6476,
183.3457

■ 0.0000, 0.0000,
3.8292

■ 112.1945,
117.0927, 226.1598

■ 0.0000, 0.0000,
1.5321

■ 141.9501,

■ 0.0000, 0.0000,

148.2376, 275.1686

0.2417

176.5500,
184.4667, 330.7904

■ 0.0000, 0.0000,
0.0000

■ 14.9335, 15.4651,
47.5454

■ 14.9335, 15.4651,
47.5454

■ 13.7569, 13.5665,
47.2413

■ 16.4815, 17.6771,
47.8911

■ 13.4369, 13.0308,
47.1548

■ 18.4592, 20.2353,
48.2807

■ 20.9111, 23.1657,
48.7171

■ 23.8749, 26.4906,
49.2026

■ 27.3842, 30.2301,
49.7395

■ 31.4697, 34.4027,
50.3295

■ 36.1594, 39.0255,
50.9746

■ 41.4796, 44.1145,
51.6765

■ 47.4548, 49.6849,
52.4368

Harmonies

Analogous

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



11.5170, 15.4651, 42.7910



14.9335, 15.4651, 47.5454



18.8925, 15.4651, 41.5595

Triad

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



14.9335, 15.4651, 47.5454



21.8096, 15.4651, 8.0480



9.1600, 15.4651, 8.7759

Complementary

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



14.9335, 15.4651, 47.5454



24.0261, 18.4440, 3.1588

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.



11.1772, 15.4651, 4.5944



14.9335, 15.4651, 47.5454



18.4192, 15.4651, 4.3192

Square

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



14.9335, 15.4651, 47.5454



23.2633, 15.4651, 16.1799



14.4672, 15.4651, 3.3989



8.5465, 15.4651, 17.5155

Rectangle

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



14.9335, 15.4651, 47.5454



21.2134, 15.4651, 33.3327



14.4672, 15.4651, 3.3989



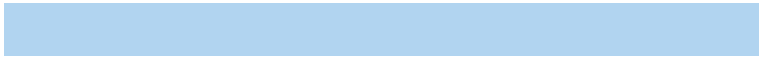
9.6770, 15.4651, 6.9459

Sweetspot

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



14.9341, 15.4656, 47.5458



57.4553, 62.7729, 91.2928



19.5088, 35.2721, 16.2159



11.8079, 12.9502, 19.5989



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.



14.9341, 15.4656, 47.5458



24.1154, 23.1369, 85.3995



9.6206, 4.8386, 45.7746



8.9241, 9.5255, 11.4477



9.3320, 9.1236, 32.5223



0.3896, 0.4430, 1.1667

Inverse Universe

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



23.0750, 12.0367, 16.7302



40.0894, 20.1752, 24.0885



34.9403, 40.2723, 6.7969



9.2081, 9.0936, 10.4430



15.3240, 7.7034, 9.5931



0.5708, 0.2838, 0.4994

Previews

White Background



This preview shows how the XYZ color 14.9335, 15.4651, 47.5454 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 14.9335, 15.4651, 47.5454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

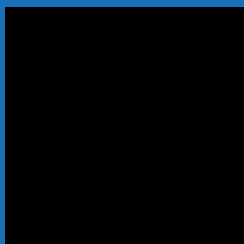
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9335, 15.4651, 47.5454

Background



This preview shows how black text looks on a background with the XYZ color 14.9335, 15.4651, 47.5454.



This preview shows how white text looks on a background with the XYZ color 14.9335, 15.4651,

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

14.9335, 15.4651, 47.5454

Protanopia

16.6869, 15.4791, 44.2277

Deuteranopia

15.9084, 15.4669, 48.0459



Tritanopia

10.8666, 15.2865, 23.4969

Trichromacy



Original Color

14.9335, 15.4651, 47.5454

Protanomaly

15.5703, 15.1932, 45.2920

Deuteranomaly

15.4801, 15.4071, 48.0569

Tritanomaly

12.0961, 15.2170, 31.1538

Monochromacy



Original Color

14.9335, 15.4651, 47.5454

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.9387, 12.1049, 21.8386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9335, 15.4651, 47.5454 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(24, 113, 184)` looks like.

```
.text, #text, p{  
    color:rgb(24, 113, 184)  
}
```

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(24, 113, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 113, 184) }
```

Border

The CSS property to change the border of an element to XYZ 14.9335, 15.4651, 47.5454 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(24, 113, 184) }
```


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

```
.border{ border-color:rgb(24, 113, 184) }
```

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

Here you see how a box with a 4 pixel rgb(24, 113, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 113, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 113, 184);  
box-shadow:4px 4px 4px 4px rgb(24, 113,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9335, 15.4651, 47.5454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 113, 184) }
```

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

```
.background{ background-color: rgb(24, 113,  
184) }
```

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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