

Converting Colors

XYZ(15.1424, 14.5710, 21.9164)

Have a look what the booklet for
XYZ(15.1424, 14.5710, 21.9164)
contains.

XYZ(15.1717, 14.5864, 21.7545)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.1717, 14.5864,
21.7545)**

Conversions

Conversions Part 1

Format	Color
Hex	6F677E
RGB	111, 103, 126
RGB Percent	44%, 40%, 49%
CMY	0.5647, 0.5961, 0.5059
CMYK	0.12, 0.18, 0.00, 0.51
HSL	261°, 10%, 45%
HSV	261°, 18%, 49%
XYZ	15.1717, 14.5864, 21.7545
YIQ	108.0140, -2.6150, 8.8490

Conversions

Conversions Part 2

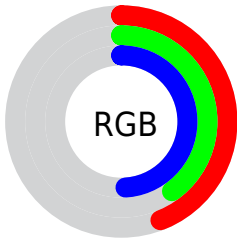
Format	Color
R_{YB}	111, 103, 126
Decimal	7300990
CIE _{Lab}	45.06, 8.03, -11.64
CIE _{LCh}	45, 14.141, 304.592
Yxy	14.5864, 0.2945, 0.2832
Android (android.graphics.Color)	4285491070 (0xFF6F677E)
YUV	108.0140, 8.8671, 2.6187
Hunter-Lab	38.1921, 4.0723, -7.0375

Details

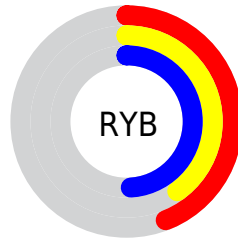
The XYZ color **15.1717, 14.5864, 21.7545** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3808, 19.7529, 15.7293**, and the grayscale version is **14.2346, 14.9759, 16.3088**.

A 20% lighter version of the original color is **34.7965, 34.1524, 47.4059**, and **4.8036, 4.4209, 7.6213** is the 20% darker color. If you saturate the color by 10%, you get **13.0248, 11.7576, 21.3219**, and if you desaturate by 10%, it is **17.6035, 17.8433, 22.2552**.

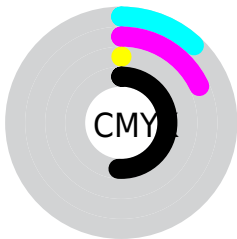
Distribution



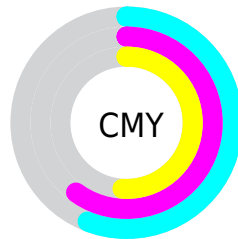
- Red (44%)
- Green (40%)
- Blue (49%)



- Red (44%)
- Yellow (40%)
- Blue (49%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (51%)



- Cyan (56%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1717, 14.5864, 21.7545 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 15.1717, 14.5864, 21.7545 by changing the saturation by 10% instead.

■ 15.1717, 14.5864,
21.7545

■ 15.1717, 14.5864,
21.7545

217.7710,
220.8490, 274.1731

■ 9.0271, 8.5296,
13.4800

■ 34.7233, 34.1260,
47.2369

■ 4.8161, 4.4357,
7.6253

■ 48.8610, 48.3775,
65.2819

■ 2.1734, 1.9201,
3.7718

■ 66.3937, 66.1295,
87.4208

■ 0.7287, 0.5604,
1.5010

■ 87.6869, 87.7662,
114.0722

■ 0.0000, 0.0000,
0.2187

113.1059,
113.6722, 145.6545

■ 0.0000, 0.0000,
0.0000

143.0160,

144.2317, 182.5864

177.7825,
179.8291, 225.2865

■ 15.1717, 14.5864,
21.7545

■ 15.1717, 14.5864,
21.7545

■ 13.0248, 11.7576,
21.3219

■ 17.6035, 17.8433,
22.2552

■ 11.1506, 9.3368,
20.9534

■ 20.3293, 21.5434,
22.8257

■ 9.5377, 7.3052,
20.6463

■ 23.3592, 25.7035,
23.4690

■ 8.1735, 5.6417,
20.3971

■ 26.7027, 30.3389,
24.1875

■ 7.0442, 4.3229,
20.2020

■ 30.3687, 35.4642,
24.9836

6.1346, 3.3231,
20.0570

34.3657, 41.0933,
25.8594

5.4273, 2.6123,
19.9571

38.7020, 47.2395,
26.8172

4.8834, 2.1179,
19.8903

43.3856, 53.9159,
27.8591

4.7970, 2.0379,
19.8794

48.4240, 61.1348,
28.9869

Harmonies

Analogous

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



14.0436, 14.5864, 23.1536



15.1717, 14.5864, 21.7545



15.9820, 14.5864, 18.7893

Triad

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



15.1717, 14.5864, 21.7545



14.8450, 14.5864, 10.7743



11.7536, 14.5864, 16.4001

Complementary

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



15.1717, 14.5864, 21.7545



17.3808, 19.7529, 15.7293

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.



11.9418, 14.5864, 13.2915



15.1717, 14.5864, 21.7545



13.6858, 14.5864, 10.3188

Square

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



15.1717, 14.5864, 21.7545



15.7861, 14.5864, 12.5188



12.6336, 14.5864, 11.1748



12.1045, 14.5864, 19.7996

Rectangle

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



15.1717, 14.5864, 21.7545



16.2097, 14.5864, 16.4929



12.6336, 14.5864, 11.1748



11.7561, 14.5864, 15.2866

Sweetspot

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



15.1721, 14.5870, 21.7548



32.4333, 33.3642, 39.4749



15.8777, 17.4260, 22.2656



7.3163, 7.5065, 8.9664



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.1721, 14.5870, 21.7548



25.0351, 23.4634, 37.9538



16.6663, 15.3573, 21.8247



4.2390, 4.2788, 5.4157



4.9169, 2.0885, 20.3939



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.7250, 15.4448, 19.2400



28.3356, 25.2880, 32.5439



15.9530, 19.0169, 15.6625



4.4366, 4.3878, 5.1036



10.3945, 5.1775, 8.6671



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.1717, 14.5864, 21.7545 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 15.1717, 14.5864, 21.7545 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 15.1717, 14.5864, 21.7545

Background



This preview shows how black text looks on a background with the XYZ color 15.1717, 14.5864, 21.7545.



This preview shows how white text looks on a background with the XYZ color 15.1717, 14.5864,

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

15.1717, 14.5864, 21.7545

Protanopia

14.5298, 14.6914, 22.4920

Deuteranopia

14.9006, 14.5951, 21.7705



Tritanopia

14.3389, 14.5466, 17.6748

Trichromacy



Original Color

15.1717, 14.5864, 21.7545

Protanomaly

14.7080, 14.6387, 22.1290

Deuteranomaly

15.0229, 14.6582, 21.7762

Tritanomaly

14.6507, 14.5236, 19.1707

Monochromacy



Original Color

15.1717, 14.5864, 21.7545

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.5552, 14.7971, 18.3086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1717, 14.5864, 21.7545 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(111, 103, 126)` looks like.

```
.text, #text, p{  
    color:rgb(111, 103, 126)  
}
```

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(111, 103, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 103, 126) }
```

Border

The CSS property to change the border of an element to XYZ 15.1717, 14.5864, 21.7545 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(111, 103, 126) }
```


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

```
.border{ border-color:rgb(111, 103, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 103, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 103, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 103, 126);  
box-shadow:4px 4px 4px 4px rgb(111, 103,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1717, 14.5864, 21.7545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 103, 126) }
```

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

```
.background{ background-color: rgb(111,  
103, 126) }
```

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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