

Converting Colors

XYZ(15.3671, 15.2305, 21.8687)

Have a look what the booklet for
XYZ(15.3671, 15.2305, 21.8687)
contains.

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Color

**XYZ(15.4540, 15.3367,
21.8844)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6B7E
RGB	110, 107, 126
RGB Percent	43%, 42%, 49%
CMY	0.5686, 0.5804, 0.5059
CMYK	0.13, 0.15, 0.00, 0.51
HSL	249°, 8%, 46%
HSV	249°, 15%, 49%
XYZ	15.4540, 15.3367, 21.8844
YIQ	110.0630, -4.3110, 6.5450

Conversions

Conversions Part 2

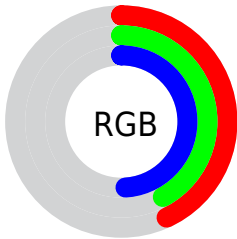
Format	Color
R_{YB}	110, 107, 126
Decimal	7236478
CIE Lab	46.09, 5.26, -10.10
CIE LCh	46, 11.387, 297.526
Yxy	15.3367, 0.2934, 0.2912
Android (android.graphics.Color)	4285426558 (0xFF6E6B7E)
YUV	110.0630, 7.8569, -0.0553
Hunter-Lab	39.1621, 1.9053, -5.7187

Details

The XYZ color **15.4540, 15.3367, 21.8844** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.2835, 20.1945, 16.8448**, and the grayscale version is **14.8185, 15.5902, 16.9777**.

A 20% lighter version of the original color is **35.2638, 35.3898, 47.6201**, and **4.9420, 4.7917, 7.6856** is the 20% darker color. If you saturate the color by 10%, you get **12.9929, 12.2582, 21.4201**, and if you desaturate by 10%, it is **18.2656, 18.8809, 22.4205**.

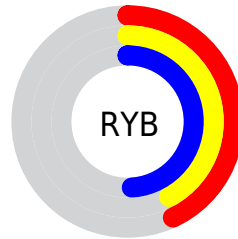
Distribution



Red (43%)

Green (42%)

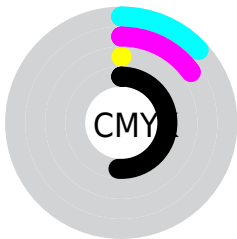
Blue (49%)



Red (43%)

Yellow (42%)

Blue (49%)

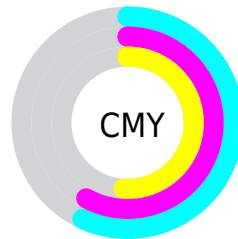


Cyan (13%)

Magenta (15%)

Yellow (0%)

Black (51%)



Cyan (57%)

Magenta (58%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4540, 15.3367, 21.8844 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 15.4540, 15.3367, 21.8844 by changing the saturation by 10% instead.

■ 15.4540, 15.3367,
21.8844

■ 15.4540, 15.3367,
21.8844

219.4323,
225.3952, 274.8758

■ 9.2270, 9.0560,
13.5745

■ 35.2128, 35.4428,
47.4546

■ 4.9478, 4.7777,
7.6900

■ 49.4754, 50.0370,
65.5520

■ 2.2511, 2.1175,
3.8123

■ 67.1472, 68.1711,
87.7489

■ 0.7695, 0.6744,
1.5229

■ 88.5936, 90.2297,
114.4639

■ 0.0000, 0.0000,
0.2349

114.1800,
116.5969, 146.1156

■ 0.0000, 0.0000,
0.0000

144.2716,

147.6574, 183.1224

179.2339,
183.7953, 225.9030

■ 15.4540, 15.3367,
21.8844

■ 15.4540, 15.3367,
21.8844

■ 12.9929, 12.2582,
21.4201

■ 18.2656, 18.8809,
22.4205

■ 10.8670, 9.6241,
21.0238

■ 21.4394, 22.9070,
23.0304

■ 9.0622, 7.4144,
20.6924

■ 24.9881, 27.4330,
23.7170

■ 7.5626, 5.6065,
20.4225

■ 28.9235, 32.4752,
24.4828

■ 6.3510, 4.1762,
20.2102

■ 33.2569, 38.0493,
25.3303

■ 5.4084, 3.0961,
20.0514

■ 37.9991, 44.1702,
26.2618

■ 4.7135, 2.3356,
19.9413

■ 43.1604, 50.8523,
27.2795

■ 4.2370, 1.8491,
19.8725

■ 48.7508, 58.1094,
28.3857

■ 4.0522, 1.6540,
19.8445

■ 54.7800, 65.9549,
29.5822

Harmonies

Analogous

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



14.4969, 15.3367, 22.6087



15.4540, 15.3367, 21.8844



16.2038, 15.3367, 19.7267

Triad

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



15.4540, 15.3367, 21.8844



15.5991, 15.3367, 12.5949



12.7960, 15.3367, 16.4701

Complementary

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



15.4540, 15.3367, 21.8844



18.2835, 20.1945, 16.8448

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.



13.0630, 15.3367, 13.9982



15.4540, 15.3367, 21.8844



14.6575, 15.3367, 11.9210

Square

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



15.4540, 15.3367, 21.8844



16.2901, 15.3367, 14.3554



13.7340, 15.3367, 12.4052



12.9885, 15.3367, 19.2848

Rectangle

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



15.4540, 15.3367, 21.8844



16.4703, 15.3367, 17.8767



13.7340, 15.3367, 12.4052



12.8348, 15.3367, 15.5743

Sweetspot

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



15.4545, 15.3373, 21.8847



32.1307, 33.2082, 39.4607



16.9313, 18.8357, 22.4822



7.2402, 7.4672, 8.9628



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.



15.4545, 15.3373, 21.8847



25.6873, 25.0958, 38.2345



16.6799, 15.9691, 21.9421



4.1672, 4.2418, 5.4124



4.1545, 1.6954, 20.3582



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.4375, 16.3816, 20.9823



29.8661, 27.2973, 36.2970



17.0091, 19.5376, 16.7852



4.4699, 4.4011, 5.2791



11.5005, 5.6199, 14.4914



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4540, 15.3367, 21.8844 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 15.4540, 15.3367, 21.8844 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 15.4540, 15.3367, 21.8844

Background



This preview shows how black text looks on a background with the XYZ color 15.4540, 15.3367, 21.8844.



This preview shows how white text looks on a background with the XYZ color 15.4540, 15.3367,

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

15.4540, 15.3367, 21.8844

Protanopia

15.1372, 15.3216, 22.2382

Deuteranopia

15.6020, 15.2592, 21.8617



Tritanopia

14.8639, 15.4098, 19.0206

Trichromacy



Original Color

15.4540, 15.3367, 21.8844

Protanomaly

15.2567, 15.3832, 22.2438

Deuteranomaly

15.4755, 15.1939, 21.8557

Tritanomaly

15.0594, 15.3324, 19.9350

Monochromacy



Original Color

15.4540, 15.3367, 21.8844

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.0514, 15.5132, 18.7241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4540, 15.3367, 21.8844 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(110, 107, 126)` looks like.

```
.text, #text, p{  
    color:rgb(110, 107, 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(110, 107, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 107, 126) }
```

Border

The CSS property to change the border of an element to XYZ 15.4540, 15.3367, 21.8844 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(110, 107, 126) }
```


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

```
.border{ border-color:rgb(110, 107, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 107, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 107, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 107, 126);  
box-shadow:4px 4px 4px 4px rgb(110, 107,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4540, 15.3367, 21.8844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 107, 126) }
```

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

```
.background{ background-color: rgb(110,  
107, 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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