

Converting Colors

XYZ(15.2868, 14.5756, 24.9293)

Have a look what the booklet for
XYZ(15.2868, 14.5756, 24.9293)
contains.

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Color

**XYZ(15.2868, 14.5756,
24.9293)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6787
RGB	107, 103, 135
RGB Percent	42%, 40%, 53%
CMY	0.5804, 0.5961, 0.4706
CMYK	0.21, 0.24, 0.00, 0.47
HSL	247°, 13%, 47%
HSV	247°, 24%, 53%
XYZ	15.2868, 14.5756, 24.9293
YIQ	107.8440, -7.8880, 10.8000

Conversions

Conversions Part 2

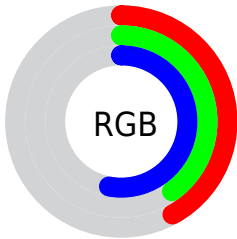
Format	Color
R_{YB}	107, 103, 135
Decimal	7038855
CIE _{Lab}	45.05, 8.78, -17.10
CIE _{LCh}	45, 19.220, 297.174
Yxy	14.5756, 0.2790, 0.2660
Android (android.graphics.Color)	4285228935 (0xFF6B6787)
YUV	107.8440, 13.3879, -0.7402
Hunter-Lab	38.1780, 4.6614, -11.9903

Details

The XYZ color **15.2868, 14.5756, 24.9293** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.4728, 23.1329, 16.2187**, and the grayscale version is **14.1759, 14.9141, 16.2415**.

A 20% lighter version of the original color is **34.9308, 34.1130, 52.3204**, and **4.8575, 4.4140, 9.1903** is the 20% darker color. If you saturate the color by 10%, you get **12.7264, 11.4210, 24.4556**, and if you desaturate by 10%, it is **18.2590, 18.2651, 25.4850**.

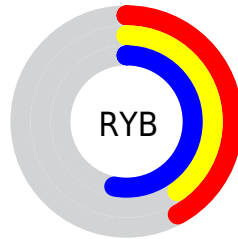
Distribution



Red (42%)

Green (40%)

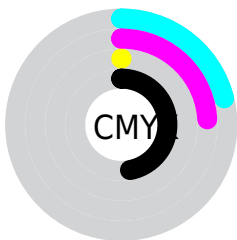
Blue (53%)



Red (42%)

Yellow (40%)

Blue (53%)

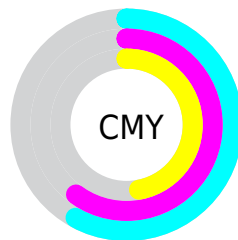


Cyan (21%)

Magenta (24%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (60%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2868, 14.5756, 24.9293 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 15.2868, 14.5756, 24.9293 by changing the saturation by 10% instead.

■ 15.2868, 14.5756,
24.9293

■ 15.2868, 14.5756,
24.9293

218.4498,
220.7829, 290.9221

■ 9.1085, 8.5221,
15.8058

■ 34.9231, 34.1069,
52.5052

■ 4.8697, 4.4308,
9.2340

■ 49.1118, 48.3535,
71.7947

■ 2.2050, 1.9173,
4.7952

■ 66.7014, 66.0999,
95.3100

■ 0.7454, 0.5588,
2.0710

■ 88.0572, 87.7305,
123.4697

■ 0.0000, 0.0000,
0.5984

113.5446,
113.6297, 156.6921

■ 0.0000, 0.0000,
0.0000

143.5289,

144.1819, 195.3960

178.3755,
179.7715, 239.9998

■ 15.2868, 14.5756,
24.9293

■ 15.2868, 14.5756,
24.9293

■ 12.7264, 11.4210,
24.4556

■ 18.2590, 18.2651,
25.4850

■ 10.5583, 8.7746,
24.0591

■ 21.6587, 22.5109,
26.1254

■ 8.7632, 6.6104,
23.7359

■ 25.5024, 27.3354,
26.8540

■ 7.3200, 4.8990,
23.4817

■ 29.8054, 32.7592,
27.6741

■ 6.2050, 3.6079,
23.2912

■ 34.5823, 38.8019,
28.5887

■ 5.3920, 2.7005,
23.1589

■ 39.8469, 45.4823,
29.6007

■ 4.8496, 2.1319,
23.0778

■ 45.6125, 52.8183,
30.7128

■ 4.6020, 1.8673,
23.0397

■ 51.8920, 60.8272,
31.9277

■ 58.6976, 69.5254,
33.2479

Harmonies

Analogous

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



13.7045, 14.5756, 26.2338



15.2868, 14.5756, 24.9293



16.5644, 14.5756, 21.0653

Triad

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



15.2868, 14.5756, 24.9293



15.5653, 14.5756, 9.6283



11.0375, 14.5756, 15.4455

Complementary

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



15.2868, 14.5756, 24.9293



20.4728, 23.1329, 16.2187

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.



11.4561, 14.5756, 11.6085



15.2868, 14.5756, 24.9293



14.0039, 14.5756, 8.6743

Square

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



15.2868, 14.5756, 24.9293



16.7336, 14.5756, 12.2218



12.5130, 14.5756, 9.3243



11.3247, 14.5756, 20.1811

Rectangle

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



15.2868, 14.5756, 24.9293



17.0294, 14.5756, 17.8797



12.5130, 14.5756, 9.3243



11.0995, 14.5756, 14.0175

Sweetspot

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



15.2873, 14.5762, 24.9296



36.5945, 37.5704, 46.3714



18.1193, 20.9376, 26.0082



8.4068, 8.6158, 10.7263



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.2873, 14.5762, 24.9296



25.0278, 23.2034, 44.2080



17.3542, 15.6417, 25.0264



4.4846, 4.5704, 5.8466



4.2506, 1.7254, 21.2457



0.0180, 0.0076, 0.0738

Inverse Universe

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



18.9392, 16.4907, 23.6583



32.6780, 27.2160, 41.4590



18.2180, 21.9705, 16.1132



4.8335, 4.7531, 5.7356



12.2394, 5.9601, 16.3651



0.0441, 0.0213, 0.0659

Previews

White Background



This preview shows how the XYZ color 15.2868, 14.5756, 24.9293 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 15.2868, 14.5756, 24.9293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

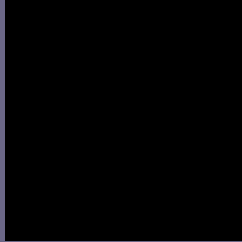
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2868, 14.5756, 24.9293

Background



This preview shows how black text looks on a background with the XYZ color 15.2868, 14.5756, 24.9293.



This preview shows how white text looks on a background with the XYZ color 15.2868, 14.5756,

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

15.2868, 14.5756, 24.9293

Protanopia

14.6039, 14.5060, 25.6971

Deuteranopia

14.9042, 14.6772, 24.9691



Tritanopia

13.9457, 14.6368, 18.3098

Trichromacy



Original Color

15.2868, 14.5756, 24.9293

Protanomaly

14.7611, 14.4449, 25.3027

Deuteranomaly

15.0324, 14.5930, 24.9461

Tritanomaly

14.3758, 14.6563, 20.4836

Monochromacy



Original Color

15.2868, 14.5756, 24.9293

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.6084, 14.8042, 19.2271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2868, 14.5756, 24.9293 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(107, 103, 135)` looks like.

```
.text, #text, p{  
    color:rgb(107, 103, 135)  
}
```

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(107, 103, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 103, 135) }
```

Border

The CSS property to change the border of an element to XYZ 15.2868, 14.5756, 24.9293 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(107, 103, 135) }
```


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

```
.border{ border-color:rgb(107, 103, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 103, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 103, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 103, 135);  
box-shadow:4px 4px 4px 4px rgb(107, 103,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2868, 14.5756, 24.9293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 103, 135) }
```

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

```
.background{ background-color: rgb(107,  
103, 135) }
```

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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