

Converting Colors

XYZ(15.3763, 14.4098, 27.8818)

Have a look what the booklet for
XYZ(15.3763, 14.4098, 27.8818)
contains.

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Color

**XYZ(15.4182, 14.4290,
27.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	68668F
RGB	104, 102, 143
RGB Percent	41%, 40%, 56%
CMY	0.5922, 0.6000, 0.4392
CMYK	0.27, 0.29, 0.00, 0.44
HSL	243°, 17%, 48%
HSV	243°, 29%, 56%
XYZ	15.4182, 14.4290, 27.9590
YIQ	107.2720, -11.9690, 13.1750

Conversions

Conversions Part 2

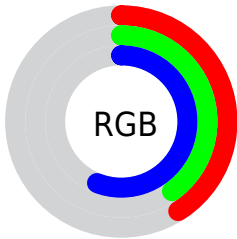
Format	Color
RYB	104, 102, 143
Decimal	6841999
CIELab	44.84, 10.44, -22.22
CIELCh	45, 24.551, 295.164
Yxy	14.4290, 0.2667, 0.2496
Android (android.graphics.Color)	4285032079 (0xFF68668F)
YUV	107.2720, 17.6139, -2.8695
Hunter-Lab	37.9855, 5.9779, -17.0502

Details

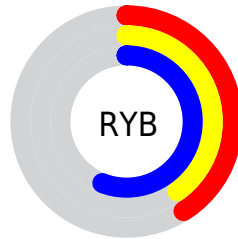
The XYZ color **15.4182, 14.4290, 27.9590** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.2057, 26.2673, 16.4180**, and the grayscale version is **14.0060, 14.7354, 16.0469**.

A 20% lighter version of the original color is **35.1796, 33.8816, 57.5090**, and **4.8735, 4.3173, 10.7017** is the 20% darker color. If you saturate the color by 10%, you get **12.6787, 11.1076, 27.4625**, and if you desaturate by 10%, it is **18.6559, 18.3677, 28.5489**.

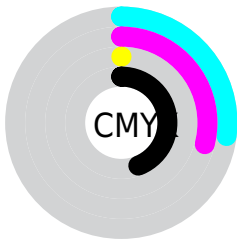
Distribution



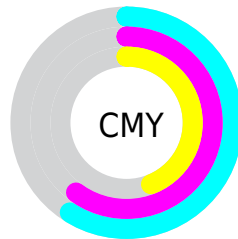
- Red (41%)
- Green (40%)
- Blue (56%)



- Red (41%)
- Yellow (40%)
- Blue (56%)



- Cyan (27%)
- Magenta (29%)
- Yellow (0%)
- Black (44%)



- Cyan (59%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4182, 14.4290, 27.9590 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 15.4182, 14.4290, 27.9590 by changing the saturation by 10% instead.

■ 15.4182, 14.4290,
27.9590

■ 15.4182, 14.4290,
27.9590

219.2222,
219.8836, 306.1767

■ 9.2016, 8.4196,
18.0560

■ 35.1508, 33.8483,
57.4413

■ 4.9311, 4.3646,
10.8203

■ 49.3976, 48.0271,
77.8576

■ 2.2412, 1.8795,
5.8335

■ 67.0519, 65.6977,
102.6155

■ 0.7643, 0.5360,
2.6770

■ 88.4789, 87.2447,
132.1335

■ 0.0000, 0.0000,
0.9318

114.0441,
113.0524, 166.8300

■ 0.0000, 0.0000,
0.0000

144.1128,

143.5051, 207.1237

179.0504,
178.9874, 253.4331

■ 15.4182, 14.4290,
27.9590

■ 15.4182, 14.4290,
27.9590

■ 12.6787, 11.1076,
27.4625

■ 18.6559, 18.3677,
28.5489

■ 10.4112, 8.3706,
27.0538

■ 22.4132, 22.9511,
29.2355

■ 8.5895, 6.1848,
26.7279

■ 26.7121, 28.2067,
30.0234

■ 7.1841, 4.5127,
26.4792

■ 31.5729, 34.1603,
30.9163

■ 6.1622, 3.3122,
26.3013

■ 37.0148, 40.8359,
31.9180

■ 5.4857, 2.5348,
26.1869

■ 43.0562, 48.2568,
33.0320

■ 5.0885, 2.0811,
26.1203

■ 49.7145, 56.4449,
34.2615

■ 5.0452, 2.0282,
26.1124

■ 57.0067, 65.4214,
35.6098

■ 64.9488, 75.2067,
37.0800

Harmonies

Analogous

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



13.3922, 14.4290, 29.4651



15.4182, 14.4290, 27.9590



17.1249, 14.4290, 22.8918

Triad

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



15.4182, 14.4290, 27.9590



16.0343, 14.4290, 8.2845



10.2232, 14.4290, 14.7991

Complementary

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



15.4182, 14.4290, 27.9590



23.2057, 26.2673, 16.4180

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.



10.7896, 14.4290, 10.2145



15.4182, 14.4290, 27.9590



14.0416, 14.4290, 7.0831

Square

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



15.4182, 14.4290, 27.9590



17.5042, 14.4290, 11.4715



12.1409, 14.4290, 7.6923



10.5152, 14.4290, 20.8836

Rectangle

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



15.4182, 14.4290, 27.9590



17.7847, 14.4290, 18.7078



12.1409, 14.4290, 7.6923



10.3178, 14.4290, 13.0522

Sweetspot

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



15.4187, 14.4296, 27.9593



39.7645, 40.6451, 52.2875



20.0564, 24.0453, 29.5709



8.9033, 9.0576, 11.9512



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.4187, 14.4296, 27.9593



24.5404, 22.1140, 49.5130



18.0027, 15.7617, 28.0803



5.1524, 5.2668, 6.7738



4.4662, 1.7960, 23.0884



0.0466, 0.0192, 0.2209

Inverse Universe

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



20.8872, 17.2661, 27.4317



35.9055, 28.0104, 48.3488



20.1250, 24.6791, 16.2739



5.6151, 5.5066, 6.7369



13.9491, 6.7367, 21.1810



0.1356, 0.0653, 0.2144

Previews

White Background



This preview shows how the XYZ color 15.4182, 14.4290, 27.9590 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 15.4182, 14.4290, 27.9590 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 15.4182, 14.4290, 27.9590

Background



This preview shows how black text looks on a background with the XYZ color 15.4182, 14.4290, 27.9590.



This preview shows how white text looks on a background with the XYZ color 15.4182, 14.4290,

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

15.4182, 14.4290, 27.9590

Protanopia

14.7785, 14.5272, 28.8132

Deuteranopia

14.6567, 14.3404, 27.5867



Tritanopia

13.5557, 14.4290, 18.5936

Trichromacy



Original Color

15.4182, 14.4290, 27.9590

Protanomaly

15.0214, 14.5109, 28.3947

Deuteranomaly

14.8783, 14.3061, 27.5684

Tritanomaly

14.1843, 14.3762, 21.7660

Monochromacy



Original Color

15.4182, 14.4290, 27.9590

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.3856, 14.5234, 19.8144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4182, 14.4290, 27.9590 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(104, 102, 143)` looks like.

```
.text, #text, p{  
    color:rgb(104, 102, 143)  
}
```

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(104, 102, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 102, 143) }
```

Border

The CSS property to change the border of an element to XYZ 15.4182, 14.4290, 27.9590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

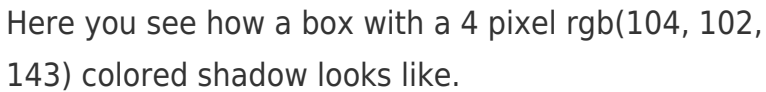
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 102, 143) }
```


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

```
.border{ border-color:rgb(104, 102, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(104, 102, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 102, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 102, 143);  
box-shadow:4px 4px 4px 4px rgb(104, 102,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4182, 14.4290, 27.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 102, 143) }
```

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

```
.background{ background-color: rgb(104,  
102, 143) }
```

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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