

Converting Colors

XYZ(14.5456, 12.6477, 19.0542)

Have a look what the booklet for
XYZ(14.5456, 12.6477, 19.0542)
contains.

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Color

**XYZ(14.5421, 12.6656,
19.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	765B77
RGB	118, 91, 119
RGB Percent	46%, 36%, 47%
CMY	0.5372, 0.6431, 0.5333
CMYK	0.01, 0.24, 0.00, 0.53
HSL	298°, 13%, 41%
HSV	298°, 24%, 47%
XYZ	14.5421, 12.6656, 19.1310
YIQ	102.2650, 7.1040, 14.4320

Conversions

Conversions Part 2

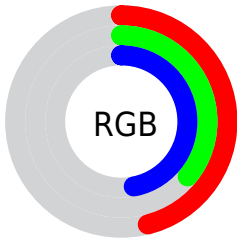
Format	Color
R _Y B	118, 91, 119
Decimal	7756663
CIE Lab	42.26, 16.32, -11.58
CIE LCh	42, 20.014, 324.652
Yxy	12.6656, 0.3138, 0.2733
Android (android.graphics.Color)	4285946743 (0xFF765B77)
YUV	102.2650, 8.2504, 13.7996
Hunter-Lab	35.5888, 10.6574, -6.9596

Details

The XYZ color **14.5421, 12.6656, 19.1310** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12.8991, 16.2246, 12.3499**, and the grayscale version is **12.6767, 13.3369, 14.5239**.

A 20% lighter version of the original color is **33.4531, 30.5361, 42.6590**, and **4.5300, 3.5969, 6.4168** is the 20% darker color. If you saturate the color by 10%, you get **13.5470, 10.7606, 18.8159**, and if you desaturate by 10%, it is **15.6996, 14.8945, 19.5004**.

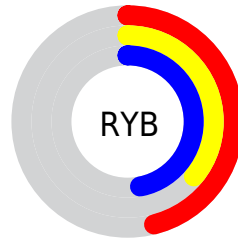
Distribution



Red (46%)

Green (36%)

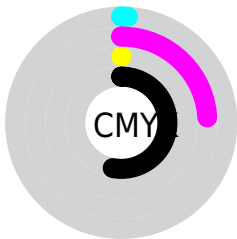
Blue (47%)



Red (46%)

Yellow (36%)

Blue (47%)

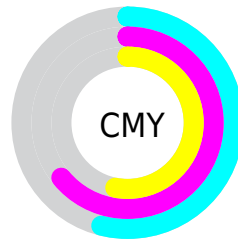


Cyan (1%)

Magenta (24%)

Yellow (0%)

Black (53%)



Cyan (54%)

Magenta (64%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5421, 12.6656, 19.1310 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 14.5421, 12.6656, 19.1310 by changing the saturation by 10% instead.

■ 14.5421, 12.6656,
19.1310

■ 14.5421, 12.6656,
19.1310

214.0215,
208.7633, 259.6178

■ 8.5829, 7.1987,
11.5872

■ 33.6262, 30.7017,
42.7950

■ 4.5250, 3.5867,
6.3442

■ 47.4817, 44.0397,
59.7523

■ 2.0032, 1.4451,
2.9833

■ 64.7000, 60.7701,
80.6844

■ 0.6358, 0.2496,
1.0861

■ 85.6466, 81.2774,
106.0100

■ 0.0000, 0.0000,
0.0000

■ 110.6866,
105.9460, 136.1477

140.1855,

135.1603, 171.5158

174.5087,
169.3045, 212.5330

■ 14.5421, 12.6656,
19.1310

■ 14.5421, 12.6656,
19.1310

■ 13.5470, 10.7606,
18.8159

■ 15.6996, 14.8945,
19.5004

■ 12.7056, 9.1628,
18.5519

■ 17.0253, 17.4598,
19.9257

■ 12.0099, 7.8561,
18.3363

■ 18.5264, 20.3754,
20.4093

■ 11.4511, 6.8228,
18.1663

■ 20.2092, 23.6540,
20.9535

■ 11.0192, 6.0430,
18.0386

■ 22.0796, 27.3074,
21.5601

10.7030, 5.4939,
17.9493

24.1434, 31.3472,
22.2311

10.4874, 5.1459,
17.8934

26.4060, 35.7843,
22.9682

10.3677, 4.9601,
17.8639

28.8727, 40.6291,
23.7734

31.5485, 45.8919,
24.6482

Harmonies

Analogous

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



13.2793, 12.6656, 22.7220



14.5421, 12.6656, 19.1310



15.1377, 12.6656, 14.5734

Triad

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



14.5421, 12.6656, 19.1310



12.3085, 12.6656, 7.1034



9.6071, 12.6656, 17.5230

Complementary

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



14.5421, 12.6656, 19.1310



12.8991, 16.2246, 12.3499

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.



9.3937, 12.6656, 13.0365



14.5421, 12.6656, 19.1310



10.8771, 12.6656, 7.5732

Square

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



14.5421, 12.6656, 19.1310



13.7816, 12.6656, 8.1002



9.8397, 12.6656, 9.5500



10.4486, 12.6656, 21.6669

Rectangle

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



14.5421, 12.6656, 19.1310



15.0434, 12.6656, 11.8087



9.8397, 12.6656, 9.5500



9.4626, 12.6656, 15.9829

Sweetspot

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



14.5425, 12.6662, 19.1313



29.5850, 29.5171, 35.3911



11.5065, 11.2804, 19.0238



6.9875, 6.9491, 8.3797



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.5425, 12.6662, 19.1313



25.0820, 20.8421, 33.9540



13.9716, 12.4535, 15.4128



3.8143, 3.7516, 4.6133



11.0132, 5.2688, 18.9791



53.5088, 25.5933, 92.4801

Inverse Universe

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



13.2810, 12.1773, 11.7761



22.4288, 19.8153, 18.4283



13.3900, 16.4094, 15.4525



3.6888, 3.7028, 3.8878



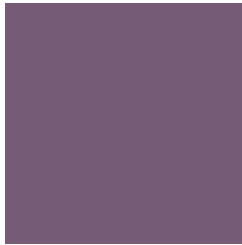
8.1067, 4.1764, 0.5043



39.4374, 20.3251, 2.1007

Previews

White Background



This preview shows how the XYZ color 14.5421, 12.6656, 19.1310 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 14.5421, 12.6656, 19.1310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

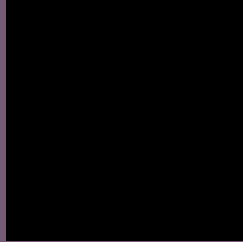
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5421, 12.6656, 19.1310

Background



This preview shows how black text looks on a background with the XYZ color 14.5421, 12.6656, 19.1310.



This preview shows how white text looks on a background with the XYZ color 14.5421, 12.6656,

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

14.5421, 12.6656, 19.1310

Protanopia

12.7160, 12.7586, 20.8612

Deuteranopia

13.0045, 12.8101, 18.9267



Tritanopia

13.6034, 12.6777, 14.3004

Trichromacy



Original Color

14.5421, 12.6656, 19.1310

Protanomaly

13.2892, 12.6544, 20.1545

Deuteranomaly

13.4256, 12.6182, 18.8675

Tritanomaly

13.9572, 12.6933, 15.9018

Monochromacy



Original Color

14.5421, 12.6656, 19.1310

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.2588, 13.0062, 15.9990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5421, 12.6656, 19.1310 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(118, 91, 119)` looks like.

```
.text, #text, p{  
    color:rgb(118, 91, 119)  
}
```

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(118, 91, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 91, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.5421, 12.6656, 19.1310 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(118, 91, 119) }
```


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

```
.border{ border-color:rgb(118, 91, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 91, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 91, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 91, 119);  
box-shadow:4px 4px 4px 4px rgb(118, 91,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5421, 12.6656, 19.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 91, 119) }
```

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

```
.background{ background-color: rgb(118, 91,  
119) }
```

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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