

Converting Colors

XYZ(11.8826, 14.1024, 16.8607)

Have a look what the booklet for
XYZ(11.8826, 14.1024, 16.8607)
contains.

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Color

**XYZ(11.8701, 14.0715,
16.8423)**

Conversions

Conversions Part 1

Format	Color
Hex	526E6E
RGB	82, 110, 110
RGB Percent	32%, 43%, 43%
CMY	0.6784, 0.5686, 0.5686
CMYK	0.25, 0.00, 0.00, 0.57
HSL	180°, 15%, 38%
HSV	180°, 25%, 43%
XYZ	11.8701, 14.0715, 16.8423
YIQ	101.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

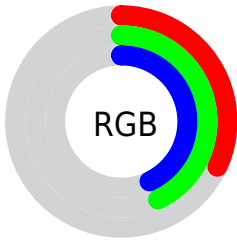
Format	Color
RYB	82, 96, 110
Decimal	5402222
CIELab	44.34, -10.14, -3.33
CIELCh	44, 10.675, 198.198
Yxy	14.0715, 0.2774, 0.3289
Android (android.graphics.Color)	4283592302 (0xFF526E6E)
YUV	101.6280, 4.1274, -17.2138
Hunter-Lab	37.5120, -9.1624, -0.3619

Details

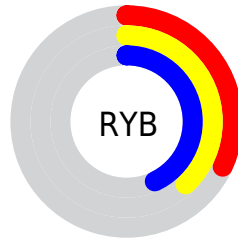
The XYZ color **11.8701, 14.0715, 16.8423** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.9712, 9.9592, 9.3273**, and the grayscale version is **12.5254, 13.1777, 14.3505**.

A 20% lighter version of the original color is **28.9576, 33.3548, 39.0943**, and **3.3474, 4.1792, 5.3329** is the 20% darker color. If you saturate the color by 10%, you get **10.9893, 13.6178, 16.8012**, and if you desaturate by 10%, it is **12.9051, 14.6054, 16.8912**.

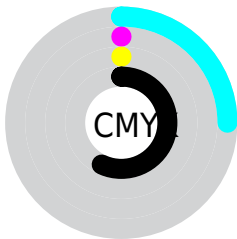
Distribution



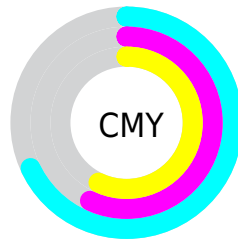
- Red (32%)
- Green (43%)
- Blue (43%)



- Red (32%)
- Yellow (38%)
- Blue (43%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (57%)



- Cyan (68%)
- Magenta (57%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8701, 14.0715, 16.8423 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 11.8701, 14.0715, 16.8423 by changing the saturation by 10% instead.

■ 11.8701, 14.0715,
16.8423

■ 11.8701, 14.0715,
16.8423

197.3309,
217.6752, 246.2751

■ 6.7269, 8.1704,
9.9614

■ 28.8772, 33.2158,
38.8414

■ 3.3367, 4.2042,
5.2681

■ 41.4718, 47.2279,
54.7966

■ 1.3342, 1.7884,
2.3439

■ 57.2809, 64.7124,
74.6136

■ 0.2086, 0.4799,
0.7557

■ 76.6698, 86.0537,
98.7110

■ 0.0000, 0.0000,
0.0000

■ 100.0039,
111.6362, 127.5073

127.6485,

141.8444, 161.4210

159.9691,
177.0626, 200.8708

■ 11.8701, 14.0715,
16.8423

■ 11.8701, 14.0715,
16.8423

■ 10.9893, 13.6178,
16.8012

■ 12.9051, 14.6054,
16.8912

■ 10.2542, 13.2388,
16.7666

■ 14.0999, 15.2214,
16.9473

■ 9.6573, 12.9311,
16.7385

■ 15.4613, 15.9232,
17.0112

■ 9.1899, 12.6902,
16.7165

■ 16.9954, 16.7140,
17.0831

■ 8.8425, 12.5111,
16.7001

■ 18.7078, 17.5968,
17.1634

■ 8.6042, 12.3882,
16.6888

■ 20.6042, 18.5744,
17.2523

■ 8.4531, 12.3103,
16.6815

■ 22.6896, 19.6495,
17.3501

■ 8.3905, 12.2781,
16.6785

■ 24.9693, 20.8247,
17.4570

■ 27.4479, 22.1025,
17.5731

Harmonies

Analogous

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



11.8262, 14.0715, 14.3768



11.8701, 14.0715, 16.8423



12.3065, 14.0715, 19.1136

Triad

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



11.8701, 14.0715, 16.8423



14.6403, 14.0715, 18.6856



13.7142, 14.0715, 11.1525

Complementary

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



11.8701, 14.0715, 16.8423



10.9712, 9.9592, 9.3273

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.



14.5027, 14.0715, 12.0673



11.8701, 14.0715, 16.8423



15.0524, 14.0715, 16.3066

Square

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



11.8701, 14.0715, 16.8423



13.8955, 14.0715, 20.2536



15.0010, 14.0715, 13.8951



12.8667, 14.0715, 11.2631

Rectangle

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



11.8701, 14.0715, 16.8423



12.7721, 14.0715, 20.1316



15.0010, 14.0715, 13.8951



13.9956, 14.0715, 11.3459

Sweetspot

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



11.8705, 14.0721, 16.8426



24.1536, 26.4174, 29.7330



10.6198, 13.5765, 10.0438



5.5603, 6.1163, 6.9162



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.8705, 14.0721, 16.8426



19.8297, 24.1883, 29.5300



10.5202, 11.3713, 16.3929



3.4750, 3.8152, 4.3074



10.0791, 14.7492, 20.0352



50.2085, 73.4720, 99.8038

Inverse Universe

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



10.9712, 9.9592, 9.3273



17.9407, 15.5490, 13.7437



12.0943, 12.2056, 9.7014



3.3845, 3.4015, 3.5515



7.7250, 3.9824, 0.3617



38.4814, 19.8379, 1.8013

Previews

White Background



This preview shows how the XYZ color 11.8701, 14.0715, 16.8423 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 11.8701, 14.0715, 16.8423 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

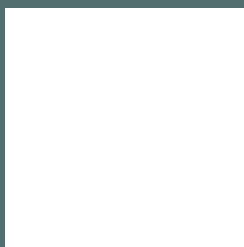
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.8701, 14.0715, 16.8423

Background



This preview shows how black text looks on a background with the XYZ color 11.8701, 14.0715, 16.8423.



This preview shows how white text looks on a background with the XYZ color 11.8701, 14.0715,

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

11.8701, 14.0715, 16.8423

Protanopia

13.4957, 14.0054, 15.6277

Deuteranopia

14.2315, 14.0521, 17.2915



Tritanopia

12.3948, 14.1301, 19.2136

Trichromacy



Original Color

11.8701, 14.0715, 16.8423

Protanomaly

12.7376, 13.9110, 15.9237

Deuteranomaly

13.1763, 13.9602, 17.0390

Tritanomaly

12.1304, 14.0141, 18.2853

Monochromacy



Original Color

11.8701, 14.0715, 16.8423

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.3207, 13.5560, 15.3318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8701, 14.0715, 16.8423 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(82, 110, 110)` looks like.

```
.text, #text, p{  
    color:rgb(82, 110, 110)  
}
```

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(82, 110, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 110, 110) }
```

Border

The CSS property to change the border of an element to XYZ 11.8701, 14.0715, 16.8423 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(82, 110, 110) }
```


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

```
.border{ border-color:rgb(82, 110, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 110, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 110, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 110, 110);  
box-shadow:4px 4px 4px 4px rgb(82, 110,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8701, 14.0715, 16.8423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 110, 110) }
```

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

```
.background{ background-color: rgb(82, 110,  
110) }
```

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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