

Converting Colors

XYZ(14.3239, 14.4702, 16.3520)

Have a look what the booklet for
XYZ(14.3239, 14.4702, 16.3520)
contains.

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Color

**XYZ(14.2126, 14.3628,
16.2106)**

Conversions

Conversions Part 1

Format	Color
Hex	6F686C
RGB	111, 104, 108
RGB Percent	44%, 41%, 42%
CMY	0.5647, 0.5921, 0.5765
CMYK	0.00, 0.06, 0.03, 0.56
HSL	326°, 3%, 42%
HSV	326°, 6%, 44%
XYZ	14.2126, 14.3628, 16.2106
YIQ	106.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

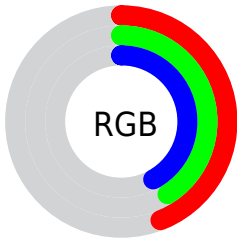
Format	Color
R_{YB}	111, 104, 108
Decimal	7301228
CIE _{Lab}	44.75, 3.54, -1.26
CIE _{LCh}	45, 3.758, 340.384
Yxy	14.3628, 0.3173, 0.3207
Android (android.graphics.Color)	4285491308 (0xFF6F686C)
YUV	106.5490, 0.7153, 3.9035
Hunter-Lab	37.8983, 0.6190, 1.1681

Details

The XYZ color **14.2126, 14.3628, 16.2106** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0477, 15.3738, 16.1376**, and the grayscale version is **13.8483, 14.5695, 15.8662**.

A 20% lighter version of the original color is **33.0836, 33.7324, 37.5682**, and **4.3553, 4.3199, 5.0192** is the 20% darker color. If you saturate the color by 10%, you get **12.9218, 12.1753, 14.5650**, and if you desaturate by 10%, it is **15.6651, 16.8513, 17.9787**.

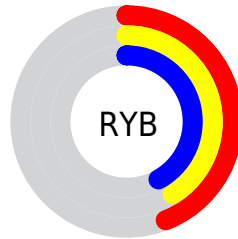
Distribution



Red (44%)

Green (41%)

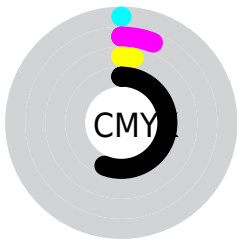
Blue (42%)



Red (44%)

Yellow (41%)

Blue (42%)

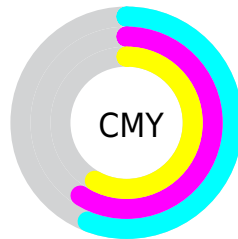


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (56%)



Cyan (56%)

Magenta (59%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2126, 14.3628, 16.2106 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 14.2126, 14.3628, 16.2106 by changing the saturation by 10% instead.

■ 14.2126, 14.3628,
16.2106

■ 14.2126, 14.3628,
16.2106

212.0337,
219.4763, 242.4692

■ 8.3514, 8.3734,
9.5173

■ 33.0489, 33.7314,
37.7353

■ 4.3743, 4.3348,
4.9787

■ 46.7547, 47.8794,
53.4038

■ 1.9160, 1.8626,
2.1763

■ 63.8060, 65.5157,
72.9012

■ 0.5861, 0.5257,
0.6606

■ 84.5683, 87.0248,
96.6459

■ 0.0000, 0.0000,
0.0000

109.4069,
112.7910, 125.0565

138.6870,

143.1987, 158.5516

172.7742,
178.6324, 197.5496

■ 14.2126, 14.3628,
16.2106

■ 14.2126, 14.3628,
16.2106

■ 12.9218, 12.1753,
14.5650

■ 15.6651, 16.8513,
17.9787

■ 11.7856, 10.2754,
13.0378

■ 17.2838, 19.6497,
19.8712

■ 10.7981, 8.6515,
11.6263

■ 19.0743, 22.7690,
21.8914

■ 9.9526, 7.2905,
10.3269

■ 21.0417, 26.2191,
24.0418

■ 9.2417, 6.1782,
9.1362

■ 23.1910, 30.0094,
26.3250

■ 8.6576, 5.2990,
8.0503

■ 25.5267, 34.1488,
28.7437

■ 8.1913, 4.6356,
7.0650

■ 28.0534, 38.6462,
31.3002

■ 7.8328, 4.1683,
6.1756

■ 30.7754, 43.5098,
33.9969

■ 7.5595, 3.8523,
5.3733

■ 33.6970, 48.7478,
36.8362

Harmonies

Analogous

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



14.0358, 14.3628, 16.9563



14.2126, 14.3628, 16.2106



14.2378, 14.3628, 15.3372

Triad

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



14.2126, 14.3628, 16.2106



13.5457, 14.3628, 14.0406



13.2086, 14.3628, 16.7549

Complementary

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



14.2126, 14.3628, 16.2106



14.0477, 15.3738, 16.1376

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.



13.0814, 14.3628, 15.9440



14.2126, 14.3628, 16.2106



13.2741, 14.3628, 14.3911

Square

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



14.2126, 14.3628, 16.2106



13.8497, 14.3628, 14.1060



13.1052, 14.3628, 15.0803



13.4550, 14.3628, 17.2785

Rectangle

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



14.2126, 14.3628, 16.2106



14.1648, 14.3628, 14.8026



13.1052, 14.3628, 15.0803



13.1506, 14.3628, 16.5056

Sweetspot

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



14.2130, 14.3634, 16.2109



26.5199, 27.5465, 30.3465



13.8734, 14.1696, 17.0429



6.3812, 6.6350, 7.3028



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.2130, 14.3634, 16.2109



24.9862, 24.9293, 28.4475



14.0347, 14.2921, 15.2722



3.4569, 3.4305, 3.9326



8.7829, 4.4055, 5.9328



43.3131, 21.7706, 27.2448

Inverse Universe

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



14.2130, 14.3634, 16.2109



24.9862, 24.9293, 28.4475



14.2310, 15.4471, 17.1028



3.4569, 3.4305, 3.9326



8.7829, 4.4055, 5.9328



43.3131, 21.7706, 27.2448

Previews

White Background



This preview shows how the XYZ color 14.2126, 14.3628, 16.2106 looks on a white background.

Color Contrast Check

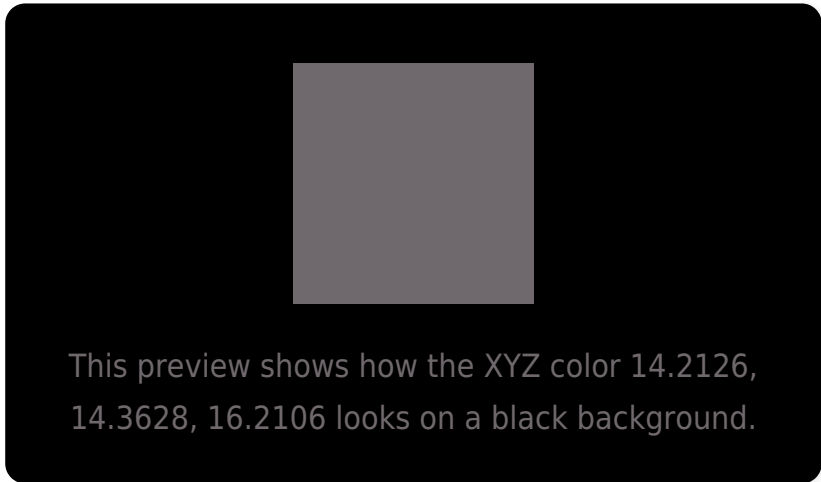
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

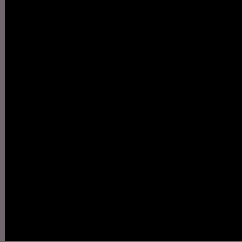
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2126, 14.3628, 16.2106

Background



This preview shows how black text looks on a background with the XYZ color 14.2126, 14.3628, 16.2106.



This preview shows how white text looks on a background with the XYZ color 14.2126, 14.3628,

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

14.2126, 14.3628, 16.2106

Protanopia

13.8753, 14.3331, 16.5033

Deuteranopia

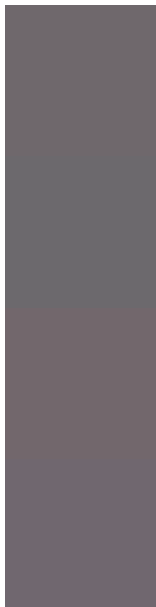
14.6273, 14.4280, 16.2013



Tritanopia

14.4570, 14.3151, 17.3304

Trichromacy



Original Color

14.2126, 14.3628, 16.2106

Protanomaly

13.9962, 14.3954, 16.5089

Deuteranomaly

14.4965, 14.3606, 16.1952

Tritanomaly

14.4016, 14.2929, 17.0387

Monochromacy



Original Color

14.2126, 14.3628, 16.2106

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.9922, 14.5578, 15.9824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2126, 14.3628, 16.2106 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(111, 104, 108)` looks like.

```
.text, #text, p{  
    color:rgb(111, 104, 108)  
}
```

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(111, 104, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 104, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.2126, 14.3628, 16.2106 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(111, 104, 108) }
```


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

```
.border{ border-color:rgb(111, 104, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 104, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 104, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 104, 108);  
box-shadow:4px 4px 4px 4px rgb(111, 104,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2126, 14.3628, 16.2106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 104, 108) }
```

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

```
.background{ background-color: rgb(111,  
104, 108) }
```

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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