

Converting Colors

XYZ(16.1142, 16.2015, 20.8205)

Have a look what the booklet for
XYZ(16.1142, 16.2015, 20.8205)
contains.

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Color

**XYZ(16.0282, 16.1344,
20.6818)**

Conversions

Conversions Part 1

Format	Color
Hex	726E7A
RGB	114, 110, 122
RGB Percent	45%, 43%, 48%
CMY	0.5529, 0.5686, 0.5216
CMYK	0.07, 0.10, 0.00, 0.52
HSL	260°, 5%, 45%
HSV	260°, 10%, 48%
XYZ	16.0282, 16.1344, 20.6818
YIQ	112.5640, -1.4680, 4.5800

Conversions

Conversions Part 2

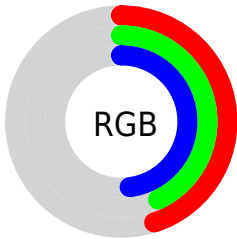
Format	Color
R_{YB}	114, 110, 122
Decimal	7499386
CIE _{Lab}	47.15, 4.04, -6.09
CIE _{LCh}	47, 7.305, 303.570
Yxy	16.1344, 0.3033, 0.3053
Android (android.graphics.Color)	4285689466 (0xFF726E7A)
YUV	112.5640, 4.6519, 1.2594
Hunter-Lab	40.1676, 0.9339, -2.4103

Details

The XYZ color **16.0282, 16.1344, 20.6818** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2458, 18.8968, 17.4911**, and the grayscale version is **15.5544, 16.3645, 17.8209**.

A 20% lighter version of the original color is **36.2862, 37.0036, 45.2743**, and **5.2269, 5.1943, 7.0304** is the 20% darker color. If you saturate the color by 10%, you get **13.7901, 13.1596, 20.2258**, and if you desaturate by 10%, it is **18.5426, 19.5216, 21.2033**.

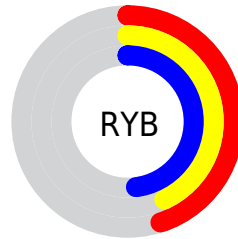
Distribution



Red (45%)

Green (43%)

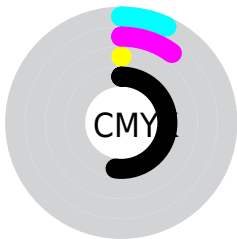
Blue (48%)



Red (45%)

Yellow (43%)

Blue (48%)

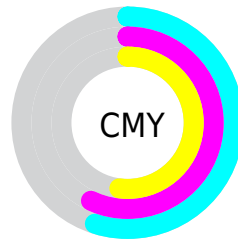


Cyan (7%)

Magenta (10%)

Yellow (0%)

Black (52%)



Cyan (55%)

Magenta (57%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0282, 16.1344, 20.6818 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 16.0282, 16.1344, 20.6818 by changing the saturation by 10% instead.

■ 16.0282, 16.1344,
20.6818

■ 16.0282, 16.1344,
20.6818

222.7752,
230.1335, 268.3078

■ 9.6351, 9.6193,
12.7026

■ 36.2042, 36.8314,
45.4313

■ 5.2181, 5.1473,
7.0958

■ 50.7178, 51.7820,
63.0386

■ 2.4119, 2.3339,
3.4427

■ 68.6689, 70.3134,
84.6925

■ 0.8510, 0.7916,
1.3249

■ 90.4230, 92.8097,
110.8113

■ 0.0000, 0.0000,
0.0821

116.3453,
119.6555, 141.8138

■ 0.0000, 0.0000,
0.0000

146.8012,

151.2351, 178.1183

182.1560,
187.9330, 220.1435

■ 16.0282, 16.1344,
20.6818

■ 16.0282, 16.1344,
20.6818

■ 13.7901, 13.1596,
20.2258

■ 18.5426, 19.5216,
21.2033

■ 11.8172, 10.5792,
19.8317

■ 21.3412, 23.3341,
21.7917

■ 10.0994, 8.3768,
19.4972

■ 24.4333, 27.5872,
22.4497

■ 8.6256, 6.5342,
19.2192

■ 27.8273, 32.2942,
23.1793

■ 7.3839, 5.0313,
18.9945

■ 31.5314, 37.4684,
23.9828

6.3612, 3.8465,
18.8197

35.5533, 43.1223,
24.8621

5.5428, 2.9551,
18.6908

39.9005, 49.2678,
25.8192

4.9123, 2.3291,
18.6032

44.5804, 55.9166,
26.8559

4.4212, 1.8767,
18.5418

49.5998, 63.0799,
27.9740

Harmonies

Analogous

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



15.4123, 16.1344, 21.3386



16.0282, 16.1344, 20.6818



16.4677, 16.1344, 19.1891

Triad

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



16.0282, 16.1344, 20.6818



15.8914, 16.1344, 14.5875



14.1356, 16.1344, 17.7887

Complementary

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



16.0282, 16.1344, 20.6818



17.2458, 18.8968, 17.4911

Split Complementary

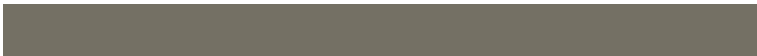
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.2559, 16.1344, 16.0402



16.0282, 16.1344, 20.6818



15.2585, 16.1344, 14.2694

Square

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



16.0282, 16.1344, 20.6818



16.3872, 16.1344, 15.6839



14.6626, 16.1344, 14.7829



14.3293, 16.1344, 19.5964

Rectangle

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



16.0282, 16.1344, 20.6818



16.5952, 16.1344, 17.9666



14.6626, 16.1344, 14.7829



14.1407, 16.1344, 17.1746

Sweetspot

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



16.0287, 16.1351, 20.6822



31.1355, 32.3340, 36.9930



16.4458, 17.7247, 20.9670



7.0457, 7.2941, 8.4432



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.



16.0287, 16.1351, 20.6822



27.1879, 27.0351, 36.1782



16.8073, 16.5365, 20.7186



3.9119, 3.9524, 4.9999



4.6386, 1.9640, 19.5199



21.3096, 8.9475, 93.0737

Inverse Universe

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



16.8725, 16.5981, 19.4548



29.0207, 28.0413, 33.4934



16.4821, 18.5031, 17.4554



4.1004, 4.0559, 4.7263



10.0235, 4.9856, 8.6808



47.4061, 23.6188, 39.2643

Previews

White Background



This preview shows how the XYZ color 16.0282, 16.1344, 20.6818 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 16.0282, 16.1344, 20.6818 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

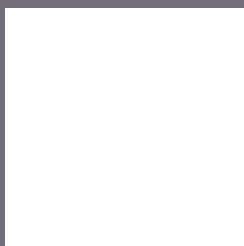
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0282, 16.1344, 20.6818

Background



This preview shows how black text looks on a background with the XYZ color 16.0282, 16.1344, 20.6818.



This preview shows how white text looks on a background with the XYZ color 16.0282, 16.1344,

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

16.0282, 16.1344, 20.6818

Protanopia

15.8151, 16.1784, 21.0281

Deuteranopia

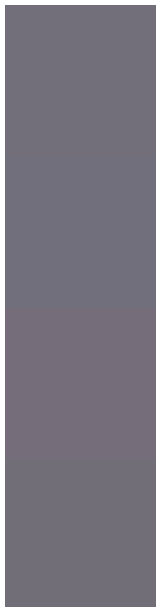
16.4527, 16.1940, 20.6710



Tritanopia

15.8451, 16.0612, 19.7178

Trichromacy



Original Color

16.0282, 16.1344, 20.6818

Protanomaly

15.9417, 16.2437, 21.0340

Deuteranomaly

16.3176, 16.1243, 20.6646

Tritanomaly

15.9055, 16.0853, 20.0358

Monochromacy



Original Color

16.0282, 16.1344, 20.6818

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.7566, 16.3600, 18.8503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0282, 16.1344, 20.6818 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(114, 110, 122)` looks like.

```
.text, #text, p{  
    color:rgb(114, 110, 122)  
}
```

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(114, 110, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 110, 122) }
```

Border

The CSS property to change the border of an element to XYZ 16.0282, 16.1344, 20.6818 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(114, 110, 122) }
```


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

```
.border{ border-color:rgb(114, 110, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 110, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 110, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 110, 122);  
box-shadow:4px 4px 4px 4px rgb(114, 110,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0282, 16.1344, 20.6818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 110, 122) }
```

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

```
.background{ background-color: rgb(114,  
110, 122) }
```

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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