

Converting Colors

XYZ(16.0140, 16.3024, 20.0719)

Have a look what the booklet for
XYZ(16.0140, 16.3024, 20.0719)
contains.

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Color

**XYZ(16.0140, 16.3024,
20.0719)**

Conversions

Conversions Part 1

Format	Color
Hex	726F78
RGB	114, 111, 120
RGB Percent	45%, 44%, 47%
CMY	0.5529, 0.5647, 0.5294
CMYK	0.05, 0.07, 0.00, 0.53
HSL	260°, 4%, 45%
HSV	260°, 7%, 47%
XYZ	16.0140, 16.3024, 20.0719
YIQ	112.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

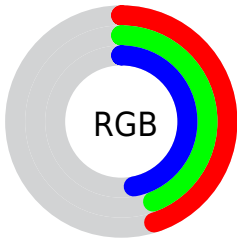
Format	Color
R_{YB}	114, 111, 120
Decimal	7499640
CIE Lab	47.37, 3.02, -4.57
CIE LCh	47, 5.475, 303.433
Yxy	16.3024, 0.3057, 0.3112
Android (android.graphics.Color)	4285689720 (0xFF726F78)
YUV	112.9230, 3.4890, 0.9445
Hunter-Lab	40.3762, 0.1382, -1.2110

Details

The XYZ color **16.0140, 16.3024, 20.0719** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9225, 18.3630, 17.6924**, and the grayscale version is **15.6638, 16.4796, 17.9463**.

A 20% lighter version of the original color is **36.2695, 37.2799, 44.3139**, and **5.1940, 5.1811, 6.8572** is the 20% darker color. If you saturate the color by 10%, you get **13.7959, 13.3444, 19.6181**, and if you desaturate by 10%, it is **18.5000, 19.6606, 20.5893**.

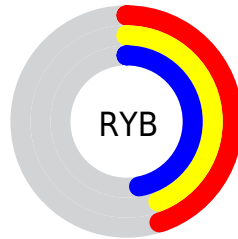
Distribution



Red (45%)

Green (44%)

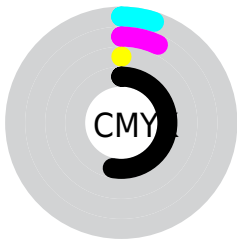
Blue (47%)



Red (45%)

Yellow (44%)

Blue (47%)

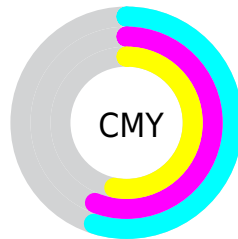


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (53%)



Cyan (55%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0140, 16.3024, 20.0719 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 16.0140, 16.3024, 20.0719 by changing the saturation by 10% instead.

■ 16.0140, 16.3024,
20.0719

■ 16.0140, 16.3024,
20.0719

222.6931,
231.1196, 264.9212

■ 9.6250, 9.7384,
12.2627

■ 36.1798, 37.1224,
44.3983

■ 5.2114, 5.2258,
6.7982

■ 50.6872, 52.1472,
61.7525

■ 2.4078, 2.3804,
3.2597

■ 68.6315, 70.7610,
83.1255

■ 0.8490, 0.8158,
1.2287

■ 90.3780, 93.3482,
108.9359

■ 0.0000, 0.0000,
0.0023

116.2920,
120.2933, 139.6021

■ 0.0000, 0.0000,
0.0000

146.7390,

151.9807, 175.5427

182.0842,
188.7946, 217.1762

■ 16.0140, 16.3024,
20.0719

■ 16.0140, 16.3024,
20.0719

■ 13.7959, 13.3444,
19.6181

■ 18.5000, 19.6606,
20.5893

■ 11.8351, 10.7694,
19.2244

■ 21.2614, 23.4312,
21.1716

■ 10.1222, 8.5619,
18.8886

■ 24.3071, 27.6286,
21.8212

■ 8.6467, 6.7048,
18.6079

■ 27.6449, 32.2655,
22.5403

■ 7.3972, 5.1793,
18.3793

■ 31.2828, 37.3546,
23.3309

6.3615, 3.9650,
18.1995

35.2280, 42.9076,
24.1948

5.5261, 3.0391,
18.0648

39.4877, 48.9361,
25.1339

4.8754, 2.3754,
17.9710

44.0689, 55.4510,
26.1499

4.3767, 1.9130,
17.9081

48.9782, 62.4632,
27.2447

Harmonies

Analogous

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



15.5508, 16.3024, 20.5497



16.0140, 16.3024, 20.0719



16.3434, 16.3024, 18.9709

Triad

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



16.0140, 16.3024, 20.0719



15.9154, 16.3024, 15.4692



14.5833, 16.3024, 17.9108

Complementary

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



16.0140, 16.3024, 20.0719



16.9225, 18.3630, 17.6924

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.



14.6764, 16.3024, 16.5836



16.0140, 16.3024, 20.0719



15.4392, 16.3024, 15.2179

Square

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



16.0140, 16.3024, 20.0719



16.2856, 16.3024, 16.3205



14.9872, 16.3024, 15.6154



14.7303, 16.3024, 19.2618

Rectangle

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



16.0140, 16.3024, 20.0719



16.4391, 16.3024, 18.0575



14.9872, 16.3024, 15.6154



14.5876, 16.3024, 17.4471

Sweetspot

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



16.0145, 16.3031, 20.0723



30.4891, 31.8030, 35.7847



16.3251, 17.4937, 20.2857



7.2414, 7.5584, 8.4839



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.



16.0145, 16.3031, 20.0723



27.4611, 27.7282, 35.1578



16.5940, 16.6018, 20.0994



3.9118, 3.9524, 4.9999



4.6380, 1.9637, 19.5199



21.3068, 8.9461, 93.0736

Inverse Universe

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



16.6417, 16.6471, 19.1668



28.8063, 28.4663, 33.2061



16.3514, 18.0686, 17.6656



4.1004, 4.0559, 4.7264



10.0241, 4.9858, 8.6840



47.4090, 23.6199, 39.2794

Previews

White Background



This preview shows how the XYZ color 16.0140, 16.3024, 20.0719 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 16.0140, 16.3024, 20.0719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

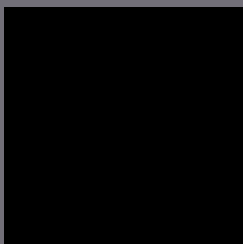
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

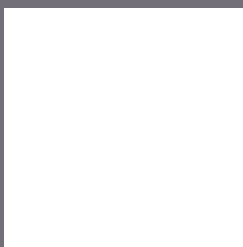
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0140, 16.3024, 20.0719

Background



This preview shows how black text looks on a background with the XYZ color 16.0140, 16.3024, 20.0719.



This preview shows how white text looks on a background with the XYZ color 16.0140, 16.3024,

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

16.0140, 16.3024, 20.0719

Protanopia

15.8664, 16.3892, 20.0965

Deuteranopia

16.6045, 16.2864, 20.0377



Tritanopia

16.0140, 16.3024, 20.0719

Trichromacy



Original Color

16.0140, 16.3024, 20.0719

Protanomaly

15.9944, 16.4551, 20.1025

Deuteranomaly

16.4373, 16.3595, 20.0607

Tritanomaly

16.0140, 16.3024, 20.0719

Monochromacy



Original Color

16.0140, 16.3024, 20.0719

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 16.0140, 16.3024, 20.0719 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, 111, 120)` looks like.

```
.text, #text, p{  
    color:rgb(114, 111, 120)  
}
```

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, 111, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 111, 120) }
```

Border

The CSS property to change the border of an element to XYZ 16.0140, 16.3024, 20.0719 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, 111, 120) }
```


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

```
.border{ border-color:rgb(114, 111, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 111, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 111, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 111, 120);  
box-shadow:4px 4px 4px 4px rgb(114, 111,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0140, 16.3024, 20.0719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 111, 120) }
```

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

```
.background{ background-color: rgb(114,  
111, 120) }
```

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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