

Converting Colors

XYZ(16.1434, 15.9592, 21.1980)

Have a look what the booklet for
XYZ(16.1434, 15.9592, 21.1980)
contains.

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Color

**XYZ(16.1770, 16.0374,
21.3117)**

Conversions

Conversions Part 1

Format	Color
Hex	736D7C
RGB	115, 109, 124
RGB Percent	45%, 43%, 49%
CMY	0.5490, 0.5725, 0.5137
CMYK	0.07, 0.12, 0.00, 0.51
HSL	264°, 6%, 46%
HSV	264°, 12%, 49%
XYZ	16.1770, 16.0374, 21.3117
YIQ	112.5040, -1.2390, 5.9370

Conversions

Conversions Part 2

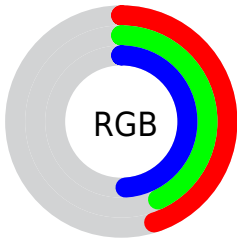
Format	Color
R_{YB}	115, 109, 124
Decimal	7564668
CIE Lab	47.02, 5.44, -7.46
CIE LCh	47, 9.233, 306.088
Yxy	16.0374, 0.3022, 0.2996
Android (android.graphics.Color)	4285754748 (0xFF736D7C)
YUV	112.5040, 5.6675, 2.1890
Hunter-Lab	40.0467, 2.0239, -3.5197

Details

The XYZ color **16.1770, 16.0374, 21.3117** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.4398, 19.3714, 17.2887**, and the grayscale version is **15.5338, 16.3428, 17.7973**.

A 20% lighter version of the original color is **36.4430, 36.5314, 46.7255**, and **5.3074, 5.1465, 7.3703** is the 20% darker color. If you saturate the color by 10%, you get **14.0072, 13.0921, 20.8578**, and if you desaturate by 10%, it is **18.6134, 19.3981, 21.8322**.

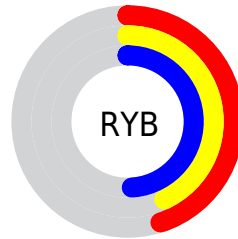
Distribution



Red (45%)

Green (43%)

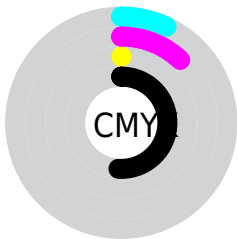
Blue (49%)



Red (45%)

Yellow (43%)

Blue (49%)

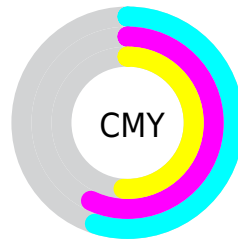


Cyan (7%)

Magenta (12%)

Yellow (0%)

Black (51%)



Cyan (55%)

Magenta (57%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1770, 16.0374, 21.3117 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 16.1770, 16.0374, 21.3117 by changing the saturation by 10% instead.

■ 16.1770, 16.0374,
21.3117

■ 16.1770, 16.0374,
21.3117

223.6338,
229.5623, 271.7657

■ 9.7411, 9.5506,
13.1586

■ 36.4602, 36.6631,
46.4932

■ 5.2886, 5.1020,
7.4058

■ 51.0382, 51.5709,
64.3587

■ 2.4541, 2.3073,
3.6349

■ 69.0610, 70.0544,
86.2987

■ 0.8721, 0.7775,
1.4273

■ 90.8939, 92.4980,
112.7318

■ 0.0000, 0.0000,
0.1628

116.9023,
119.2863, 144.0765

■ 0.0000, 0.0000,
0.0000

147.4515,

150.8035, 180.7513

182.9069,
187.4340, 223.1749

■ 16.1770, 16.0374,
21.3117

■ 16.1770, 16.0374,
21.3117

■ 14.0072, 13.0921,
20.8578

■ 18.6134, 19.3981,
21.8322

■ 12.0930, 10.5436,
20.4668

■ 21.3240, 23.1876,
22.4208

■ 10.4245, 8.3749,
20.1361

■ 24.3180, 27.4215,
23.0802

■ 8.9908, 6.5672,
19.8628

■ 27.6037, 32.1136,
23.8127

■ 7.7800, 5.0996,
19.6433

■ 31.1890, 37.2776,
24.6205

6.7791, 3.9494,
19.4741

35.0815, 42.9260,
25.5056

5.9734, 3.0908,
19.3508

39.2885, 49.0715,
26.4701

5.3462, 2.4937,
19.2686

43.8170, 55.7257,
27.5158

4.9335, 2.1231,
19.2188

48.6740, 62.9003,
28.6446

Harmonies

Analogous

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



15.4085, 16.0374, 22.2726



16.1770, 16.0374, 21.3117



16.7085, 16.0374, 19.3291

Triad

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



16.1770, 16.0374, 21.3117



15.8818, 16.0374, 13.7008



13.7493, 16.0374, 17.9384

Complementary

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



16.1770, 16.0374, 21.3117



17.4398, 19.3714, 17.2887

Split Complementary

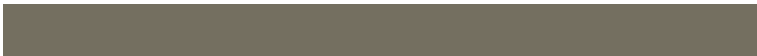
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



13.8659, 16.0374, 15.7192



16.1770, 16.0374, 21.3117



15.0788, 16.0374, 13.3994

Square

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



16.1770, 16.0374, 21.3117



16.5339, 16.0374, 14.9692



14.3458, 16.0374, 14.1063



14.0213, 16.0374, 20.2173

Rectangle

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



16.1770, 16.0374, 21.3117



16.8468, 16.0374, 17.7674



14.3458, 16.0374, 14.1063



13.7444, 16.0374, 17.1601

Sweetspot

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



16.1775, 16.0381, 21.3121



31.8593, 32.8935, 38.2265



16.4533, 17.7229, 21.6227



7.4353, 7.6527, 8.9883



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



16.1775, 16.0381, 21.3121



27.1722, 26.4537, 37.2305



17.1687, 16.5491, 21.3584



3.9353, 3.9645, 5.0010



5.0125, 2.1568, 19.5374



23.0050, 9.8215, 93.1530

Inverse Universe

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



17.0514, 16.5311, 19.4325



29.0966, 27.5399, 33.0656



16.4927, 18.8832, 17.2444



4.0898, 4.0516, 4.6706



9.7194, 4.8639, 7.0792



45.9335, 23.0297, 31.5095

Previews

White Background



This preview shows how the XYZ color 16.1770, 16.0374, 21.3117 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 16.1770, 16.0374, 21.3117 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

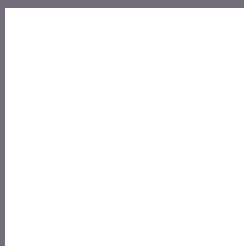
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.1770, 16.0374, 21.3117

Background



This preview shows how black text looks on a background with the XYZ color 16.1770, 16.0374, 21.3117.



This preview shows how white text looks on a background with the XYZ color 16.1770, 16.0374,

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

16.1770, 16.0374, 21.3117

Protanopia

15.6928, 16.1008, 21.6827

Deuteranopia

16.2031, 15.8934, 21.2825



Tritanopia

15.8451, 16.0612, 19.7178

Trichromacy



Original Color

16.1770, 16.0374, 21.3117

Protanomaly

15.8331, 16.0120, 21.6582

Deuteranomaly

16.2031, 15.8934, 21.2825

Tritanomaly

15.9666, 16.1097, 20.3571

Monochromacy



Original Color

16.1770, 16.0374, 21.3117

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.9445, 16.4501, 19.1644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1770, 16.0374, 21.3117 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(115, 109, 124)` looks like.

```
.text, #text, p{  
    color:rgb(115, 109, 124)  
}
```

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(115, 109, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 109, 124) }
```

Border

The CSS property to change the border of an element to XYZ 16.1770, 16.0374, 21.3117 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(115, 109, 124) }
```


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

```
.border{ border-color:rgb(115, 109, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 109, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 109, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 109, 124);  
box-shadow:4px 4px 4px 4px rgb(115, 109,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1770, 16.0374, 21.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 109, 124) }
```

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

```
.background{ background-color: rgb(115,  
109, 124) }
```

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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