

Converting Colors

XYZ(16.3375, 16.9346, 21.4764)

Have a look what the booklet for
XYZ(16.3375, 16.9346, 21.4764)
contains.

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Color

**XYZ(16.3375, 16.9346,
21.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	70727C
RGB	112, 114, 124
RGB Percent	44%, 45%, 49%
CMY	0.5608, 0.5529, 0.5137
CMYK	0.10, 0.08, 0.00, 0.51
HSL	230°, 5%, 46%
HSV	230°, 10%, 49%
XYZ	16.3375, 16.9346, 21.4764
YIQ	114.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

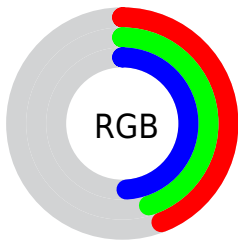
Format	Color
R_{YB}	112, 114, 124
Decimal	7369340
CIE Lab	48.18, 1.38, -5.77
CIE LCh	48, 5.932, 283.428
Yxy	16.9346, 0.2984, 0.3093
Android (android.graphics.Color)	4285559420 (0xFF70727C)
YUV	114.5420, 4.6628, -2.2293
Hunter-Lab	41.1517, -1.1497, -2.1363

Details

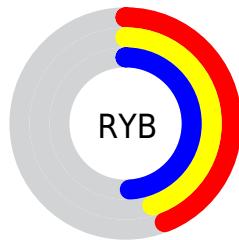
The XYZ color **16.3375, 16.9346, 21.4764** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.1964, 19.3739, 18.1101**, and the grayscale version is **16.1449, 16.9857, 18.4975**.

A 20% lighter version of the original color is **36.7825, 38.2995, 46.5282**, and **5.3326, 5.4944, 7.4361** is the 20% darker color. If you saturate the color by 10%, you get **13.7669, 13.9764, 21.0412**, and if you desaturate by 10%, it is **19.2581, 20.2696, 21.9664**.

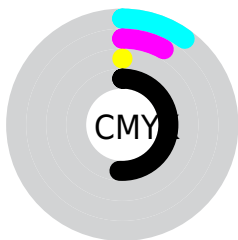
Distribution



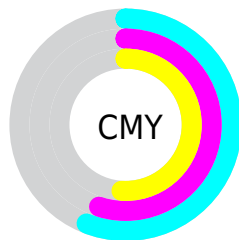
- Red (44%)
- Green (45%)
- Blue (49%)



- Red (44%)
- Yellow (45%)
- Blue (49%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (51%)



- Cyan (56%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3375, 16.9346, 21.4764 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 16.3375, 16.9346, 21.4764 by changing the saturation by 10% instead.

■ 16.3375, 16.9346,
21.4764

■ 16.3375, 16.9346,
21.4764

224.5565,
234.7952, 272.6633

■ 9.8557, 10.1879,
13.2781

■ 36.7359, 38.2133,
46.7701

■ 5.3649, 5.5237,
7.4873

■ 51.3831, 53.5141,
64.7025

■ 2.4998, 2.5577,
3.6857

■ 69.4828, 72.4349,
86.7167

■ 0.8952, 0.9054,
1.4545

■ 91.4004, 95.3604,
113.2313

■ 0.0000, 0.0000,
0.1837

117.5012,
122.6747, 144.6646

■ 0.0000, 0.0000,
0.0000

148.1506,

154.7624, 181.4354

183.7139,
192.0077, 223.9621

■ 16.3375, 16.9346,
21.4764

■ 16.3375, 16.9346,
21.4764

■ 13.7669, 13.9764,
21.0412

■ 19.2581, 20.2696,
21.9664

■ 11.5316, 11.3796,
20.6577

■ 22.5396, 23.9918,
22.5120

■ 9.6181, 9.1307,
20.3245

■ 26.1944, 28.1140,
23.1150

■ 8.0113, 7.2150,
20.0394

■ 30.2339, 32.6476,
23.7772

■ 6.6950, 5.6162,
19.8002

■ 34.6688, 37.6036,
24.5000

■ 5.6514, 4.3168,
19.6044

■ 39.5096, 42.9928,
25.2851

■ 4.8607, 3.2978,
19.4494

■ 44.7662, 48.8252,
26.1338

■ 4.3003, 2.5376,
19.3322

■ 50.4484, 55.1108,
27.0476

■ 3.9116, 1.9948,
19.2479

■ 56.5654, 61.8591,
28.0277

Harmonies

Analogous

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



15.8023, 16.9346, 21.4298



16.3375, 16.9346, 21.4764



16.8182, 16.9346, 20.6775

Triad

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



16.3375, 16.9346, 21.4764



16.8596, 16.9346, 16.4744



15.1236, 16.9346, 17.6060

Complementary

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



16.3375, 16.9346, 21.4764



18.1964, 19.3739, 18.1101

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.



15.3944, 16.9346, 16.3680



16.3375, 16.9346, 21.4764



16.3930, 16.9346, 15.7401

Square

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



16.3375, 16.9346, 21.4764



17.1242, 16.9346, 17.7587



15.8566, 16.9346, 15.7022



15.1095, 16.9346, 19.1362

Rectangle

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



16.3375, 16.9346, 21.4764



17.0398, 16.9346, 19.7975



15.8566, 16.9346, 15.7022



15.1874, 16.9346, 17.1439

Sweetspot

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



16.3380, 16.9353, 21.4768



32.0749, 33.6023, 38.3520



17.3905, 19.2605, 21.1488



7.4647, 7.8118, 9.0175



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.



16.3380, 16.9353, 21.4768



27.5125, 28.3812, 37.5847



16.6085, 16.7432, 21.4254



3.8467, 3.9917, 5.0109



3.9637, 2.0099, 19.5643



18.4739, 8.7205, 93.1793

Inverse Universe

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



17.1440, 17.0887, 18.3153



29.2864, 28.7320, 30.6239



17.9061, 19.5928, 18.1676



4.0231, 4.0250, 4.3192



8.5840, 4.4098, 1.1005



40.7279, 20.9475, 4.0973

Previews

White Background



This preview shows how the XYZ color 16.3375, 16.9346, 21.4764 looks on a white background.

Color Contrast Check

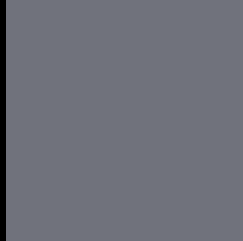
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.3375, 16.9346, 21.4764 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

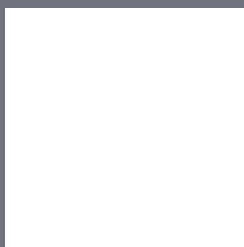
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.3375, 16.9346, 21.4764

Background



This preview shows how black text looks on a background with the XYZ color 16.3375, 16.9346, 21.4764.



This preview shows how white text looks on a background with the XYZ color 16.3375, 16.9346,

21.4764.

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

16.3375, 16.9346, 21.4764

Protanopia

16.5948, 17.0673, 21.4885

Deuteranopia

17.2713, 16.9145, 21.7566



Tritanopia

16.2746, 16.9094, 21.1450

Trichromacy



Original Color

16.3375, 16.9346, 21.4764

Protanomaly

16.4655, 17.0006, 21.4824

Deuteranomaly

16.9671, 16.9206, 21.7738

Tritanomaly

16.2746, 16.9094, 21.1450

Monochromacy



Original Color

16.3375, 16.9346, 21.4764

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.3402, 17.1469, 19.5880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3375, 16.9346, 21.4764 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(112, 114, 124)` looks like.

```
.text, #text, p{  
    color:rgb(112, 114, 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(112, 114, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 114, 124) }
```

Border

The CSS property to change the border of an element to XYZ 16.3375, 16.9346, 21.4764 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(112, 114, 124) }
```


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

```
.border{ border-color:rgb(112, 114, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 114, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 114, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 114, 124);  
box-shadow:4px 4px 4px 4px rgb(112, 114,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3375, 16.9346, 21.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 114, 124) }
```

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

```
.background{ background-color: rgb(112,  
114, 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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