

Converting Colors

XYZ(16.6404, 16.6955, 21.4170)

Have a look what the booklet for
XYZ(16.6404, 16.6955, 21.4170)
contains.

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Color

**XYZ(16.6347, 16.7566,
21.4264)**

Conversions

Conversions Part 1

Format	Color
Hex	74707C
RGB	116, 112, 124
RGB Percent	45%, 44%, 49%
CMY	0.5451, 0.5608, 0.5137
CMYK	0.06, 0.10, 0.00, 0.51
HSL	260°, 5%, 46%
HSV	260°, 10%, 49%
XYZ	16.6347, 16.7566, 21.4264
YIQ	114.5640, -1.4680, 4.5800

Conversions

Conversions Part 2

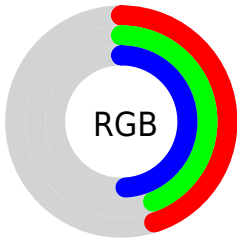
Format	Color
R_{YB}	116, 112, 124
Decimal	7630972
CIE Lab	47.95, 4.03, -6.07
CIE LCh	48, 7.282, 303.560
Yxy	16.7566, 0.3035, 0.3057
Android (android.graphics.Color)	4285821052 (0xFF74707C)
YUV	114.5640, 4.6519, 1.2594
Hunter-Lab	40.9348, 0.9012, -2.3796

Details

The XYZ color **16.6347, 16.7566, 21.4264** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8787, 19.5787, 18.1669**, and the grayscale version is **16.1510, 16.9921, 18.5044**.

A 20% lighter version of the original color is **37.2604, 38.0103, 46.4472**, and **5.4873, 5.4037, 7.4104** is the 20% darker color. If you saturate the color by 10%, you get **14.3092, 13.6650, 20.9525**, and if you desaturate by 10%, it is **19.2475, 20.2770, 21.9684**.

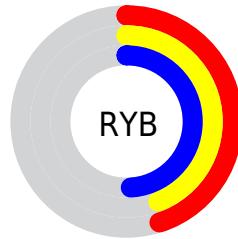
Distribution



Red (45%)

Green (44%)

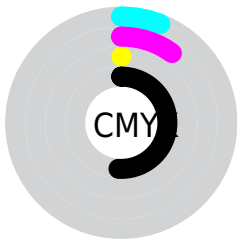
Blue (49%)



Red (45%)

Yellow (44%)

Blue (49%)

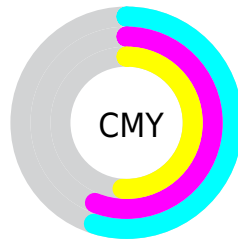


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (51%)



Cyan (55%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6347, 16.7566, 21.4264 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 16.6347, 16.7566, 21.4264 by changing the saturation by 10% instead.

■ 16.6347, 16.7566,
21.4264

■ 16.6347, 16.7566,
21.4264

226.2559,
233.7658, 272.3911

■ 10.0681, 10.0611,
13.2418

■ 37.2452, 37.9068,
46.6861

■ 5.5067, 5.4395,
7.4626

■ 52.0199, 53.1303,
64.5982

■ 2.5853, 2.5074,
3.6702

■ 70.2612, 71.9653,
86.5899

■ 0.9385, 0.8803,
1.4462

■ 92.3346, 94.7961,
113.0797

■ 0.0000, 0.0000,
0.1774

118.6054,
122.0072, 144.4862

■ 0.0000, 0.0000,
0.0000

149.4390,

153.9829, 181.2279

185.2007,
191.1076, 223.7234

■ 16.6347, 16.7566,
21.4264

■ 16.6347, 16.7566,
21.4264

■ 14.3092, 13.6650,
20.9525

■ 19.2475, 20.2770,
21.9684

■ 12.2592, 10.9834,
20.5429

■ 22.1558, 24.2396,
22.5800

■ 10.4746, 8.6948,
20.1952

■ 25.3693, 28.6602,
23.2639

■ 8.9436, 6.7802,
19.9064

■ 28.8967, 33.5529,
24.0224

■ 7.6539, 5.2188,
19.6730

■ 32.7464, 38.9313,
24.8576

6.5918, 3.9881,
19.4914

36.9266, 44.8083,
25.7717

5.7421, 3.0624,
19.3575

41.4451, 51.1966,
26.7666

5.0877, 2.4125,
19.2666

46.3093, 58.1081,
27.8443

4.5805, 1.9475,
19.2035

51.5267, 65.5546,
29.0066

Harmonies

Analogous

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



16.0052, 16.7566, 22.0963



16.6347, 16.7566, 21.4264



17.0839, 16.7566, 19.9025

Triad

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



16.6347, 16.7566, 21.4264



16.4953, 16.7566, 15.1958



14.6997, 16.7566, 18.4705

Complementary

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



16.6347, 16.7566, 21.4264



17.8787, 19.5787, 18.1669

Split Complementary

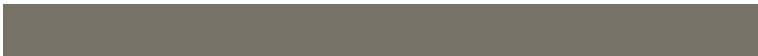
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14.8229, 16.7566, 16.6823



16.6347, 16.7566, 21.4264



15.8484, 16.7566, 14.8696

Square

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



16.6347, 16.7566, 21.4264



17.0018, 16.7566, 16.3187



15.2390, 16.7566, 15.3954



14.8978, 16.7566, 20.3174

Rectangle

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



16.6347, 16.7566, 21.4264



17.2142, 16.7566, 18.6536



15.2390, 16.7566, 15.3954



14.7050, 16.7566, 17.8426

Sweetspot

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



16.6352, 16.7573, 21.4268



32.2522, 33.4930, 38.3215



17.0613, 18.3817, 21.7178



7.5159, 7.7803, 9.0087



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.



16.6352, 16.7573, 21.4268



28.1578, 27.9974, 37.4766



17.4306, 17.1673, 21.4640



3.9118, 3.9524, 4.9999



4.6384, 1.9639, 19.5199



21.3087, 8.9470, 93.0736

Inverse Universe

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



17.4972, 17.2303, 20.1739



30.0590, 29.0411, 34.6921



17.0984, 19.1764, 18.1304



4.1004, 4.0559, 4.7263



10.0237, 4.9856, 8.6819



47.4071, 23.6192, 39.2692

Previews

White Background



This preview shows how the XYZ color 16.6347, 16.7566, 21.4264 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 16.6347, 16.7566, 21.4264 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 16.6347, 16.7566, 21.4264

Background



This preview shows how black text looks on a background with the XYZ color 16.6347, 16.7566, 21.4264.



This preview shows how white text looks on a background with the XYZ color 16.6347, 16.7566,

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

16.6347, 16.7566, 21.4264

Protanopia

16.4169, 16.8016, 21.7798

Deuteranopia

17.0683, 16.8172, 21.4152



Tritanopia

16.4478, 16.6818, 20.4422

Trichromacy



Original Color

16.6347, 16.7566, 21.4264

Protanomaly

16.5462, 16.8683, 21.7859

Deuteranomaly

16.9303, 16.7461, 21.4088

Tritanomaly

16.5095, 16.7065, 20.7669

Monochromacy



Original Color

16.6347, 16.7566, 21.4264

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.3576, 16.9875, 19.5563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6347, 16.7566, 21.4264 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(116, 112, 124)` looks like.

```
.text, #text, p{  
    color:rgb(116, 112, 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(116, 112, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 112, 124) }
```

Border

The CSS property to change the border of an element to XYZ 16.6347, 16.7566, 21.4264 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(116, 112, 124) }
```


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

```
.border{ border-color:rgb(116, 112, 124) }
```

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

Here you see how a box with a 4 pixel rgb(116, 112, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 112, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 112, 124);  
box-shadow:4px 4px 4px 4px rgb(116, 112,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6347, 16.7566, 21.4264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 112, 124) }
```

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

```
.background{ background-color: rgb(116,  
112, 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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