

Converting Colors

XYZ(16.9953, 17.1102, 18.3983)

Have a look what the booklet for
XYZ(16.9953, 17.1102, 18.3983)
contains.

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Color

**XYZ(16.9684, 17.1627,
18.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7172
RGB	122, 113, 114
RGB Percent	48%, 44%, 45%
CMY	0.5216, 0.5569, 0.5529
CMYK	0.00, 0.07, 0.07, 0.52
HSL	353°, 4%, 46%
HSV	353°, 7%, 48%
XYZ	16.9684, 17.1627, 18.3380
YIQ	115.8050, 5.0430, 2.2190

Conversions

Conversions Part 2

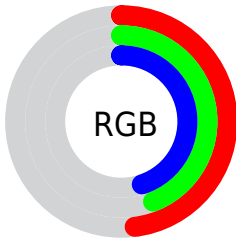
Format	Color
R_{YB}	122, 113, 114
Decimal	8024434
CIE Lab	48.46, 3.67, 0.70
CIE LCh	48, 3.740, 10.737
Yxy	17.1627, 0.3234, 0.3271
Android (android.graphics.Color)	4286214514 (0xFF7A7172)
YUV	115.8050, -0.8899, 5.4330
Hunter-Lab	41.4279, 0.6128, 2.7549

Details

The XYZ color **16.9684, 17.1627, 18.3380** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.2214, 18.8106, 20.8132**, and the grayscale version is **16.5427, 17.4042, 18.9532**.

A 20% lighter version of the original color is **37.7936, 38.6621, 41.5470**, and **5.6213, 5.5904, 5.9370** is the 20% darker color. If you saturate the color by 10%, you get **15.1166, 14.3891, 14.8532**, and if you desaturate by 10%, it is **19.0774, 20.3331, 22.2703**.

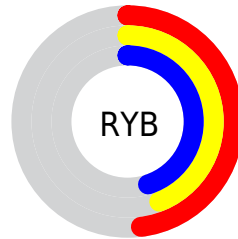
Distribution



Red (48%)

Green (44%)

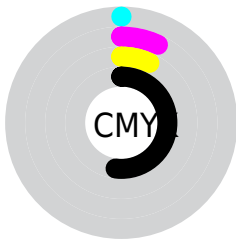
Blue (45%)



Red (48%)

Yellow (44%)

Blue (45%)

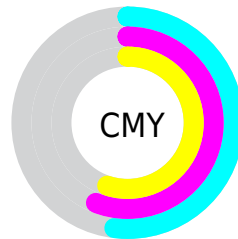


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (52%)



Cyan (52%)

Magenta (56%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9684, 17.1627, 18.3380 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 16.9684, 17.1627, 18.3380 by changing the saturation by 10% instead.

■ 16.9684, 17.1627,
18.3380

■ 16.9684, 17.1627,
18.3380

228.1500,
236.1082, 255.0691

■ 10.3071, 10.3506,
11.0210

■ 37.8155, 38.6053,
41.4341

■ 5.6669, 5.6320,
5.9666

■ 52.7320, 54.0046,
58.0503

■ 2.6823, 2.6226,
2.7563

■ 71.1309, 73.0350,
78.6033

■ 0.9881, 0.9381,
0.9716

■ 93.3777, 96.0809,
103.5116

■ 0.0000, 0.0000,
0.0000

119.8376,
123.5268, 133.1938

150.8761,

155.7571, 168.0684

186.8584,
193.1561, 208.5540

■ 16.9684, 17.1627,
18.3380

■ 16.9684, 17.1627,
18.3380

■ 15.1166, 14.3891,
14.8532

■ 19.0774, 20.3331,
22.2703

■ 13.5107, 11.9945,
11.7988

■ 21.4514, 23.9126,
26.6640

■ 12.1409, 9.9632,
9.1585

■ 24.0998, 27.9161,
31.5337

■ 10.9959, 8.2773,
6.9145

■ 27.0308, 32.3566,
36.8933

■ 10.0637, 6.9176,
5.0475

■ 30.2526, 37.2469,
42.7558

■ 9.3309, 5.8630,
3.5367

■ 33.7729, 42.5991,
49.1340

■ 8.7830, 5.0898,
2.3594

■ 37.5991, 48.4250,
56.0400

■ 8.4031, 4.5709,
1.4900

■ 41.7383, 54.7358,
63.4857

■ 8.1573, 4.2457,
0.8947

■ 46.1975, 61.5425,
71.4825

Harmonies

Analogous

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



16.9424, 17.1627, 19.3165



16.9684, 17.1627, 18.3380



16.8168, 17.1627, 17.4830

Triad

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



16.9684, 17.1627, 18.3380



15.8865, 17.1627, 17.2940



16.0963, 17.1627, 20.5253

Complementary

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



16.9684, 17.1627, 18.3380



17.2214, 18.8106, 20.8132

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.



15.8186, 17.1627, 19.9456



16.9684, 17.1627, 18.3380



15.6987, 17.1627, 18.0718

Square

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



16.9684, 17.1627, 18.3380



16.1902, 17.1627, 16.8944



15.6740, 17.1627, 19.0409



16.4357, 17.1627, 20.6027

Rectangle

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



16.9684, 17.1627, 18.3380



16.6367, 17.1627, 17.0894



15.6740, 17.1627, 19.0409



15.9928, 17.1627, 20.3818

Sweetspot

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



16.9689, 17.1634, 18.3384



31.7719, 33.0776, 35.8477



17.2966, 17.2775, 20.8358



7.2778, 7.5830, 8.2211



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.



16.9689, 17.1634, 18.3384



29.2195, 29.2449, 31.0748



17.3045, 17.9252, 18.1715



4.0147, 4.0216, 4.2752



8.5285, 4.3875, 0.8078



40.5177, 20.8634, 2.9901

Inverse Universe

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



16.9689, 17.1634, 18.3384



29.2195, 29.2449, 31.0748



16.8669, 18.0032, 20.9985



4.0147, 4.0216, 4.2752



8.5285, 4.3875, 0.8078



40.5177, 20.8634, 2.9901

Previews

White Background



This preview shows how the XYZ color 16.9684, 17.1627, 18.3380 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 16.9684, 17.1627, 18.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

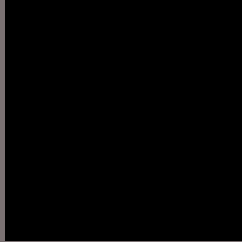
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.9684, 17.1627, 18.3380

Background



This preview shows how black text looks on a background with the XYZ color 16.9684, 17.1627, 18.3380.



This preview shows how white text looks on a background with the XYZ color 16.9684, 17.1627,

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

16.9684, 17.1627, 18.3380

Protanopia

16.5614, 17.2812, 18.6824

Deuteranopia

17.3259, 17.0194, 18.2915



Tritanopia

17.4137, 17.1798, 20.4874

Trichromacy



Original Color

16.9684, 17.1627, 18.3380

Protanomaly

16.7196, 17.1944, 18.6573

Deuteranomaly

17.2889, 17.1632, 18.3212

Tritanomaly

17.2326, 17.1073, 19.5333

Monochromacy



Original Color

16.9684, 17.1627, 18.3380

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.6965, 17.3508, 18.6887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9684, 17.1627, 18.3380 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(122, 113, 114)` looks like.

```
.text, #text, p{  
    color:rgb(122, 113, 114)  
}
```

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(122, 113, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 113, 114) }
```

Border

The CSS property to change the border of an element to XYZ 16.9684, 17.1627, 18.3380 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(122, 113, 114) }
```


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

```
.border{ border-color:rgb(122, 113, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 113, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 113, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 113, 114);  
box-shadow:4px 4px 4px 4px rgb(122, 113,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9684, 17.1627, 18.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 113, 114) }
```

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

```
.background{ background-color: rgb(122,  
113, 114) }
```

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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