

Converting Colors

XYZ(16.2182, 16.6051, 15.0830)

Have a look what the booklet for
XYZ(16.2182, 16.6051, 15.0830)
contains.

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Color

**XYZ(16.2684, 16.7052,
15.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7067
RGB	122, 112, 103
RGB Percent	48%, 44%, 40%
CMY	0.5216, 0.5608, 0.5961
CMYK	0.00, 0.08, 0.16, 0.52
HSL	28°, 8%, 44%
HSV	28°, 16%, 48%
XYZ	16.2684, 16.7052, 15.1990
YIQ	113.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

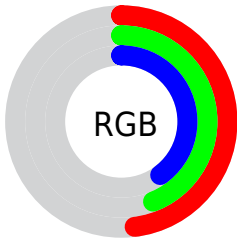
Format	Color
R_{YB}	122, 120, 103
Decimal	8024167
CIE _{Lab}	47.89, 2.24, 6.40
CIE _{LCh}	48, 6.781, 70.712
Yxy	16.7052, 0.3377, 0.3468
Android (android.graphics.Color)	4286214247 (0xFF7A7067)
YUV	113.9640, -5.4053, 7.0476
Hunter-Lab	40.8720, -0.4771, 6.5623

Details

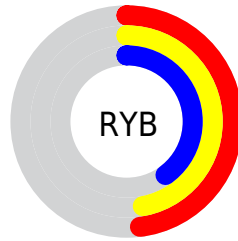
The XYZ color **16.2684, 16.7052, 15.1990** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0115, 16.0987, 20.7286**, and the grayscale version is **15.9976, 16.8308, 18.3287**.

A 20% lighter version of the original color is **36.7874, 37.9980, 35.9673**, and **5.2949, 5.3688, 4.4986** is the 20% darker color. If you saturate the color by 10%, you get **15.0171, 15.1120, 11.9780**, and if you desaturate by 10%, it is **17.6605, 18.4367, 18.9082**.

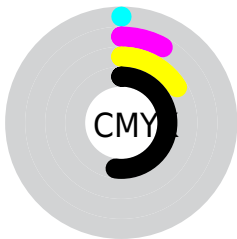
Distribution



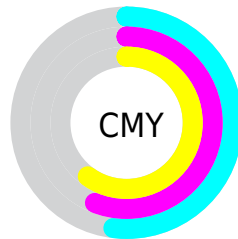
- Red (48%)
- Green (44%)
- Blue (40%)



- Red (48%)
- Yellow (47%)
- Blue (40%)



- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (52%)



- Cyan (52%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2684, 16.7052, 15.1990 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 16.2684, 16.7052, 15.1990 by changing the saturation by 10% instead.

■ 16.2684, 16.7052,
15.1990

■ 16.2684, 16.7052,
15.1990

224.1597,
233.4678, 236.2497

■ 9.8063, 10.0245,
8.8110

■ 36.6172, 37.8182,
35.9491

■ 5.3320, 5.4152,
4.5230

■ 51.2347, 53.0193,
51.1483

■ 2.4801, 2.4929,
1.9164

■ 69.3013, 71.8294,
70.1217

■ 0.8852, 0.8731,
0.5031

■ 91.1825, 94.6328,
93.2878

■ 0.0000, 0.0000,
0.0000

117.2436,
121.8140, 121.0651

147.8499,

153.7573, 153.8721

183.3668,
190.8470, 192.1275

■ 16.2684, 16.7052,
15.1990

■ 16.2684, 16.7052,
15.1990

■ 15.0171, 15.1120,
11.9780

■ 17.6605, 18.4367,
18.9082

■ 13.9003, 13.6511,
9.2235

■ 19.1967, 20.3077,
23.1240

■ 12.9133, 12.3196,
6.9138

■ 20.8819, 22.3223,
27.8651

■ 12.0505, 11.1135,
5.0248

■ 22.7201, 24.4837,
33.1488

■ 11.3058, 10.0283,
3.5303

■ 24.7156, 26.7950,
38.9919

■ 10.6725, 9.0595,
2.4012

■ 26.8721, 29.2593,
45.4101

■ 10.1432, 8.2022,
1.6039

■ 29.1933, 31.8794,
52.4188

■ 9.7057, 7.4494,
1.0814

■ 31.6830, 34.6581,
60.0326

■ 9.5294, 7.1441,
0.8767

■ 34.3444, 37.5982,
68.2658

Harmonies

Analogous

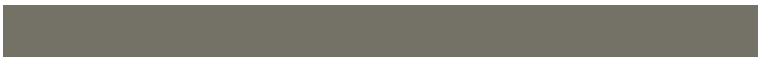
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.7836, 16.7052, 16.0847



16.2684, 16.7052, 15.1990



15.6608, 16.7052, 15.0840

Triad

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



16.2684, 16.7052, 15.1990



14.7529, 16.7052, 18.8207



16.6552, 16.7052, 20.8562

Complementary

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



16.2684, 16.7052, 15.1990



15.0115, 16.0987, 20.7286

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.



16.0968, 16.7052, 21.6936



16.2684, 16.7052, 15.1990



15.0052, 16.7052, 20.4695

Square

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



16.2684, 16.7052, 15.1990



14.7962, 16.7052, 17.1019



15.4935, 16.7052, 21.5477



17.0109, 16.7052, 19.3215

Rectangle

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



16.2684, 16.7052, 15.1990



15.2862, 16.7052, 15.4511



15.4935, 16.7052, 21.5477



16.4844, 16.7052, 21.2329

Sweetspot

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



16.2689, 16.7059, 15.1994



31.1868, 32.5791, 33.5812



15.8646, 15.0336, 17.7280



7.0978, 7.4086, 7.5888



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.



16.2689, 16.7059, 15.1994



27.7373, 28.2729, 24.4384



17.3564, 18.8810, 15.5619



4.1403, 4.2991, 4.2361



10.0246, 7.5050, 0.9203



46.9782, 34.1198, 4.1098

Inverse Universe

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



15.0115, 16.0987, 20.7286



25.0446, 26.9723, 36.2791



14.0201, 14.1160, 20.3982



3.9559, 4.2100, 5.0473



5.6320, 5.3463, 20.1204



26.0072, 23.7871, 95.6904

Previews

White Background



This preview shows how the XYZ color 16.2684, 16.7052, 15.1990 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 16.2684, 16.7052, 15.1990 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

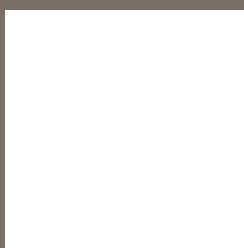
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2684, 16.7052, 15.1990

Background



This preview shows how black text looks on a background with the XYZ color 16.2684, 16.7052, 15.1990.

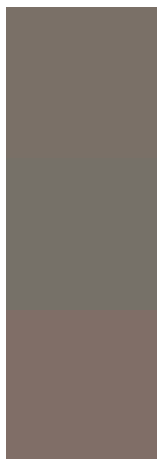


This preview shows how white text looks on a background with the XYZ color 16.2684, 16.7052,

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

16.2684, 16.7052, 15.1990

Protanopia

15.8750, 16.6613, 15.4759

Deuteranopia

16.9262, 16.7203, 15.1672



Tritanopia

17.1581, 16.7450, 19.4673

Trichromacy



Original Color

16.2684, 16.7052, 15.1990

Protanomaly

16.0116, 16.7317, 15.4823

Deuteranomaly

16.7368, 16.7838, 15.1894

Tritanomaly

16.8335, 16.7721, 17.9729

Monochromacy



Original Color

16.2684, 16.7052, 15.1990

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.0557, 16.7180, 17.1325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2684, 16.7052, 15.1990 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, 112, 103)` looks like.

```
.text, #text, p{  
    color:rgb(122, 112, 103)  
}
```

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, 112, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 112, 103) }
```

Border

The CSS property to change the border of an element to XYZ 16.2684, 16.7052, 15.1990 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, 112, 103) }
```


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

```
.border{ border-color:rgb(122, 112, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 112, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 112, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 112, 103);  
box-shadow:4px 4px 4px 4px rgb(122, 112,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2684, 16.7052, 15.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 112, 103) }
```

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

```
.background{ background-color: rgb(122,  
112, 103) }
```

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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