

Converting Colors

XYZ(16.9410, 19.1606, 10.9897)

Have a look what the booklet for
XYZ(16.9410, 19.1606, 10.9897)
contains.

XYZ(16.9374, 19.2508, 11.0067)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.9374, 19.2508,
11.0067)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7C53
RGB	123, 124, 83
RGB Percent	48%, 49%, 33%
CMY	0.5176, 0.5137, 0.6745
CMYK	0.01, 0.00, 0.33, 0.51
HSL	61°, 20%, 41%
HSV	61°, 33%, 49%
XYZ	16.9374, 19.2508, 11.0067
YIQ	119.0270, 12.5650, -12.9630

Conversions

Conversions Part 2

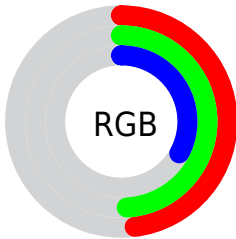
Format	Color
R_{YB}	83, 124, 84
Decimal	8092755
CIE _{Lab}	50.98, -7.34, 22.31
CIE _{LCh}	51, 23.490, 108.202
Yxy	19.2508, 0.3589, 0.4079
Android (android.graphics.Color)	4286282835 (0xFF7B7C53)
YUV	119.0270, -17.7613, 3.4843
Hunter-Lab	43.8757, -7.8760, 15.8395

Details

The XYZ color **16.9374, 19.2508, 11.0067** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.3882, 9.5271, 20.3613**, and the grayscale version is **17.5952, 18.5115, 20.1591**.

A 20% lighter version of the original color is **37.6635, 41.9742, 28.3071**, and **5.5977, 6.5822, 2.7257** is the 20% darker color. If you saturate the color by 10%, you get **16.4577, 19.0546, 8.7048**, and if you desaturate by 10%, it is **17.5038, 19.4831, 13.7605**.

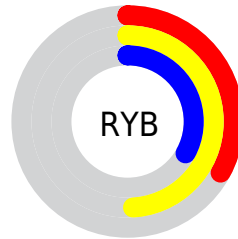
Distribution



Red (48%)

Green (49%)

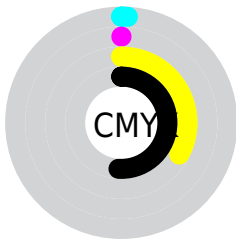
Blue (33%)



Red (33%)

Yellow (49%)

Blue (33%)

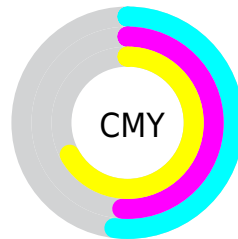


Cyan (1%)

Magenta (0%)

Yellow (33%)

Black (51%)



Cyan (52%)

Magenta (51%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9374, 19.2508, 11.0067 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 16.9374, 19.2508, 11.0067 by changing the saturation by 10% instead.

■ 16.9374, 19.2508,
11.0067

■ 16.9374, 19.2508,
11.0067

227.9747,
247.8298, 208.4526

■ 10.2849, 11.8516,
5.9571

■ 37.7626, 42.1575,
28.3094

■ 5.6520, 6.6427,
2.7507

■ 52.6659, 58.4338,
41.3996

■ 2.6733, 3.2397,
0.9688

■ 71.0503, 78.4379,
58.0071

■ 0.9834, 1.2581,
0.0000

■ 93.2811, 102.5542,
78.5504

■ 0.0000, 0.1084,
0.0000

■ 119.7235,
131.1672, 103.4480

■ 0.0000, 0.0000,
0.0000

150.7430,

164.6612, 133.1186

186.7049,
203.4206, 167.9806

■ 16.9374, 19.2508,
11.0067

■ 16.9374, 19.2508,
11.0067

■ 16.4577, 19.0546,
8.7048

■ 17.5038, 19.4831,
13.7605

■ 16.0588, 18.8900,
6.8296

■ 18.1598, 19.7505,
16.9873

■ 15.7361, 18.7560,
5.3551

■ 18.9098, 20.0555,
20.7082

■ 15.4841, 18.6502,
4.2521

■ 19.7574, 20.3996,
24.9428

■ 15.2966, 18.5703,
3.4877

■ 20.7062, 20.7843,
29.7097

■ 15.1657, 18.5130,
3.0210

■ 21.7596, 21.2107,
35.0263

■ 15.0890, 18.4789,
2.7715

■ 22.9207, 21.6803,
40.9096

■ 24.1926, 22.1941,
47.3754

■ 25.5781, 22.7535,
54.4393

Harmonies

Analogous

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



19.2258, 19.2508, 10.7678



16.9374, 19.2508, 11.0067



15.1657, 19.2508, 13.5392

Triad

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



16.9374, 19.2508, 11.0067



15.4790, 19.2508, 32.0154



23.0266, 19.2508, 23.6865

Complementary

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



16.9374, 19.2508, 11.0067



10.3882, 9.5271, 20.3613

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.



21.8329, 19.2508, 30.6941



16.9374, 19.2508, 11.0067



17.3992, 19.2508, 36.1399

Square

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



16.9374, 19.2508, 11.0067



14.3741, 19.2508, 25.2154



19.7281, 19.2508, 35.6108



22.8764, 19.2508, 17.2140

Rectangle

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



16.9374, 19.2508, 11.0067



14.4559, 19.2508, 16.5608



19.7281, 19.2508, 35.6108



22.7653, 19.2508, 26.0784

Sweetspot

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



16.9379, 19.2517, 11.0071



32.3113, 34.8992, 31.6538



13.0199, 11.2017, 9.6598



7.5750, 8.2051, 7.2826



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.



16.9379, 19.2517, 11.0071



29.1267, 33.5982, 16.1107



14.3422, 17.9136, 10.8856



4.2985, 4.6292, 4.2915



15.3383, 18.7844, 2.8173



73.0545, 89.5464, 13.4338

Inverse Universe

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



10.3882, 9.5271, 20.3613



15.6536, 13.5925, 35.3552



12.4622, 10.5962, 20.4583



3.8059, 3.8978, 4.9949



3.7367, 1.4991, 19.4777



17.7194, 7.0967, 92.9057

Previews

White Background



This preview shows how the XYZ color 16.9374, 19.2508, 11.0067 looks on a white 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

Black Background



This preview shows how the XYZ color 16.9374, 19.2508, 11.0067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

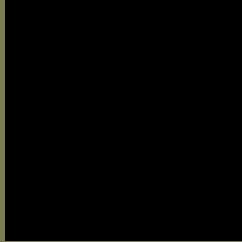
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.9374, 19.2508, 11.0067

Background



This preview shows how black text looks on a background with the XYZ color 16.9374, 19.2508, 11.0067.



This preview shows how white text looks on a background with the XYZ color 16.9374, 19.2508,

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

16.9374, 19.2508, 11.0067

Protanopia

17.7204, 19.1092, 10.7371

Deuteranopia

19.5621, 19.1664, 11.2628



Tritanopia

19.2768, 19.1046, 23.0936

Trichromacy



Original Color

16.9374, 19.2508, 11.0067

Protanomaly

17.3846, 19.1175, 10.7564

Deuteranomaly

18.5136, 19.1521, 11.1085

Tritanomaly

18.2453, 19.0384, 18.0424

Monochromacy



Original Color

16.9374, 19.2508, 11.0067

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.1846, 18.7084, 16.3410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9374, 19.2508, 11.0067 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(123, 124, 83)` looks like.

```
.text, #text, p{  
    color:rgb(123, 124, 83)  
}
```

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(123, 124, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 124, 83) }
```

Border

The CSS property to change the border of an element to XYZ 16.9374, 19.2508, 11.0067 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(123, 124, 83) }
```


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

```
.border{ border-color:rgb(123, 124, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 124, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 124, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 124, 83);  
box-shadow:4px 4px 4px 4px rgb(123, 124,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9374, 19.2508, 11.0067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 124, 83) }
```

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

```
.background{ background-color: rgb(123,  
124, 83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor