

Converting Colors

XYZ(20.6242, 19.1970, 14.1228)

Have a look what the booklet for
XYZ(20.6242, 19.1970, 14.1228)
contains.

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Color

**XYZ(20.6874, 19.1761,
14.1663)**

Conversions

Conversions Part 1

Format	Color
Hex	967162
RGB	150, 113, 98
RGB Percent	59%, 44%, 38%
CMY	0.4118, 0.5568, 0.6157
CMYK	0.00, 0.25, 0.35, 0.41
HSL	17°, 21%, 49%
HSV	17°, 35%, 59%
XYZ	20.6874, 19.1761, 14.1663
YIQ	122.3530, 26.8670, 3.1790

Conversions

Conversions Part 2

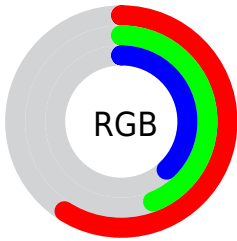
Format	Color
RYB	150, 119, 98
Decimal	9859426
CIELab	50.89, 12.43, 13.99
CIELCh	51, 18.716, 48.368
Yxy	19.1761, 0.3829, 0.3549
Android (android.graphics.Color)	4288049506 (0xFF967162)
YUV	122.3530, -12.0060, 24.2464
Hunter-Lab	43.7905, 7.6931, 11.4730

Details

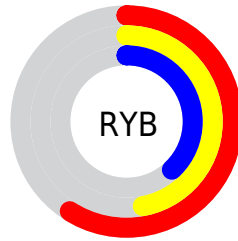
The XYZ color **20.6874, 19.1761, 14.1663** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.2057, 22.1259, 32.1127**, and the grayscale version is **18.6464, 19.6175, 21.3634**.

A 20% lighter version of the original color is **44.0568, 42.0593, 34.2300**, and **7.5248, 6.6163, 4.0124** is the 20% darker color. If you saturate the color by 10%, you get **18.9231, 16.6766, 10.4054**, and if you desaturate by 10%, it is **22.7255, 22.0105, 18.6738**.

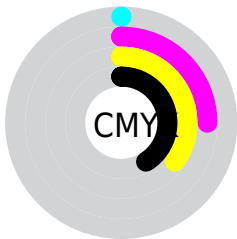
Distribution



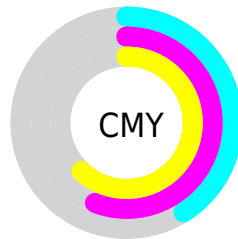
- Red (59%)
- Green (44%)
- Blue (38%)



- Red (59%)
- Yellow (47%)
- Blue (38%)



- Cyan (0%)
- Magenta (25%)
- Yellow (35%)
- Black (41%)



- Cyan (41%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6874, 19.1761, 14.1663 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 20.6874, 19.1761, 14.1663 by changing the saturation by 10% instead.

■ 20.6874, 19.1761,
14.1663

■ 20.6874, 19.1761,
14.1663

248.3758,
247.4192, 229.7272

■ 13.0069, 11.7976,
8.0964

■ 44.0619, 42.0315,
34.1052

■ 7.5103, 6.6060,
4.0680

■ 60.4866, 58.2771,
48.8112

■ 3.8324, 3.2169,
1.6627

■ 80.5567, 78.2472,
67.2330

■ 1.6077, 1.2460,
0.3350

■ 104.6375,
102.3263, 89.7890

■ 0.3975, 0.0988,
0.0000

133.0945,
130.8986, 116.8980

■ 0.0000, 0.0000,
0.0000

166.2930,

164.3486, 148.9783

204.5983,
203.0607, 186.4485

■ 20.6874, 19.1761,
14.1663

■ 20.6874, 19.1761,
14.1663

■ 18.9231, 16.6766,
10.4054

■ 22.7255, 22.0105,
18.6738

■ 17.4188, 14.4968,
7.3491

■ 25.0473, 25.1892,
23.9643

■ 16.1618, 12.6240,
4.9531

■ 27.6642, 28.7243,
30.0733

■ 15.1375, 11.0438,
3.1676

■ 30.5863, 32.6266,
37.0337

■ 14.3296, 9.7403,
1.9355

■ 33.8233, 36.9065,
44.8767

■ 13.7186, 8.6957,
1.1852

■ 37.3844, 41.5738,
53.6317

■ 13.4517, 8.2321,
0.8800

■ 41.2785, 46.6382,
63.3271

■ 45.5141, 52.1088,
73.9896

■ 50.0994, 57.9945,
85.6452

Harmonies

Analogous

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



21.8065, 19.1761, 17.8374



20.6874, 19.1761, 14.1663



18.9514, 19.1761, 12.4221

Triad

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



20.6874, 19.1761, 14.1663



14.9663, 19.1761, 18.8963



19.3678, 19.1761, 32.0885

Complementary

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



20.6874, 19.1761, 14.1663



19.2057, 22.1259, 32.1127

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.



17.5200, 19.1761, 32.5019



20.6874, 19.1761, 14.1663



15.0611, 19.1761, 24.2492

Square

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



20.6874, 19.1761, 14.1663



15.7001, 19.1761, 14.8284



15.9686, 19.1761, 29.4357



21.0099, 19.1761, 28.3867

Rectangle

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



20.6874, 19.1761, 14.1663



17.7147, 19.1761, 12.3511



15.9686, 19.1761, 29.4357



18.7477, 19.1761, 32.6372

Sweetspot

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



20.6879, 19.1770, 14.1667



46.2014, 47.1625, 46.9276



21.3375, 16.9764, 25.1725



10.1110, 10.2789, 10.1022



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.6879, 19.1770, 14.1667



33.9325, 30.1987, 19.4879



23.9764, 25.7541, 15.2629



5.9290, 6.0718, 6.0999



11.1814, 6.8771, 0.7381



0.1596, 0.1297, 0.0166

Inverse Universe

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



19.2057, 22.1259, 32.1127



30.8827, 36.2253, 56.2857



16.0394, 15.7932, 31.0572



5.8242, 6.2824, 7.3754



8.9307, 10.5562, 25.4979



0.1347, 0.1799, 0.3205

Previews

White Background



This preview shows how the XYZ color 20.6874, 19.1761, 14.1663 looks on a white background.

Color Contrast Check

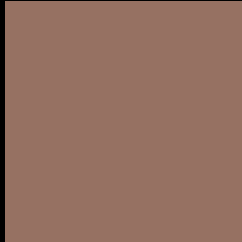
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6874, 19.1761, 14.1663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

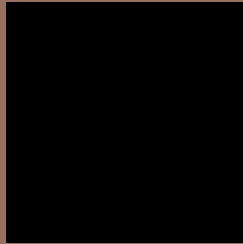
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.6874, 19.1761, 14.1663

Background



This preview shows how black text looks on a background with the XYZ color 20.6874, 19.1761, 14.1663.



This preview shows how white text looks on a background with the XYZ color 20.6874, 19.1761,

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

20.6874, 19.1761, 14.1663

Protanopia

18.1377, 19.2232, 15.3249

Deuteranopia

19.5035, 19.2484, 13.9966



Tritanopia

21.8546, 19.1592, 19.9990

Trichromacy



Original Color

20.6874, 19.1761, 14.1663

Protanomaly

18.9807, 19.1307, 15.0041

Deuteranomaly

19.9047, 19.2831, 13.9822

Tritanomaly

21.3162, 19.0959, 17.6013

Monochromacy



Original Color

20.6874, 19.1761, 14.1663

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.0932, 19.2914, 18.3401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6874, 19.1761, 14.1663 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(150, 113, 98)` looks like.

```
.text, #text, p{  
    color:rgb(150, 113, 98)  
}
```

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(150, 113, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 113, 98) }
```

Border

The CSS property to change the border of an element to XYZ 20.6874, 19.1761, 14.1663 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(150, 113, 98) }
```


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

```
.border{ border-color:rgb(150, 113, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 113, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 113, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 113, 98);  
box-shadow:4px 4px 4px 4px rgb(150, 113,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6874, 19.1761, 14.1663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 113, 98) }
```

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

```
.background{ background-color: rgb(150,  
113, 98) }
```

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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