

Converting Colors

XYZ(21.1391, 16.7011, 14.4214)

Have a look what the booklet for
XYZ(21.1391, 16.7011, 14.4214)
contains.

XYZ(21.1391, 16.7011, 14.4214)	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(21.1391, 16.7011,
14.4214)**

Conversions

Conversions Part 1

Format	Color
Hex	A15F65
RGB	161, 95, 101
RGB Percent	63%, 37%, 40%
CMY	0.3686, 0.6274, 0.6039
CMYK	0.00, 0.41, 0.37, 0.37
HSL	355°, 26%, 50%
HSV	355°, 41%, 63%
XYZ	21.1391, 16.7011, 14.4214
YIQ	115.4180, 37.4100, 15.8580

Conversions

Conversions Part 2

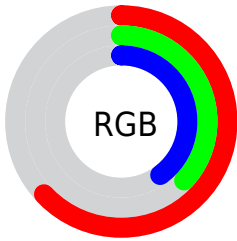
Format	Color
R_{YB}	161, 95, 101
Decimal	10575717
CIE Lab	47.88, 27.59, 8.19
CIE LCh	48, 28.778, 16.538
Yxy	16.7011, 0.4045, 0.3196
Android (android.graphics.Color)	4288765797 (0xFFA15F65)
YUV	115.4180, -7.1081, 39.9754
Hunter-Lab	40.8670, 20.8148, 7.6843

Details

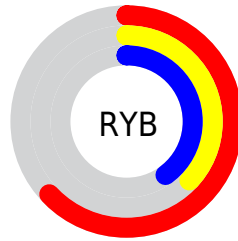
The XYZ color **21.1391, 16.7011, 14.4214** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.3814, 30.2895, 35.6262**, and the grayscale version is **16.4361, 17.2921, 18.8311**.

A 20% lighter version of the original color is **44.8598, 37.7302, 34.6240**, and **7.7458, 5.4252, 4.1289** is the 20% darker color. If you saturate the color by 10%, you get **19.1814, 13.8330, 10.5402**, and if you desaturate by 10%, it is **23.5251, 20.2213, 19.0760**.

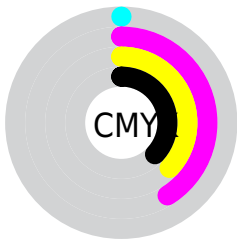
Distribution



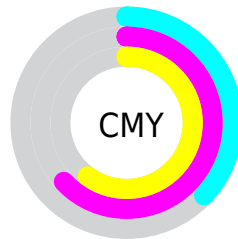
- Red (63%)
- Green (37%)
- Blue (40%)



- Red (63%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (41%)
- Yellow (37%)
- Black (37%)





- Cyan (37%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.1391, 16.7011, 14.4214 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 21.1391, 16.7011, 14.4214 by changing the saturation by 10% instead.


 21.1391, 16.7011,
14.4214


 21.1391, 16.7011,
14.4214


250.7346,
233.4440, 231.3557


 13.3388, 10.0216,
8.2722


 44.8085, 37.8111,
34.5627


 7.7408, 5.4133,
4.1794

 61.4082, 53.0105,
49.3920

 3.9800, 2.4917,
1.7243

 81.6717, 71.8186,
67.9517

 1.6908, 0.8725,
0.3773

 105.9645, 94.6198,
90.6603

 0.4505, 0.0000,
0.0000

134.6518,
121.7986, 117.9365

 0.0000, 0.0000,
0.0000

168.0990,

153.7392, 150.1988

206.6715,
190.8263, 187.8657

■ 21.1391, 16.7011,
14.4214

■ 21.1391, 16.7011,
14.4214

■ 19.1814, 13.8330,
10.5402

■ 23.5251, 20.2213,
19.0760

■ 17.6254, 11.5748,
7.3894

■ 26.3615, 24.4278,
24.5417

■ 16.4434, 9.8829,
4.9235


■ 29.6703, 29.3552,
30.8550

■ 15.6037, 8.7069,
3.0913


■ 33.4716, 35.0351,
38.0498

■ 15.0692, 7.9878,
1.8346


■ 37.7845, 41.4971,
46.1583

 14.7815, 7.6105,
1.1280

 42.6271, 48.7694,
55.2108

 48.0164, 56.8787,
65.2365

 53.9689, 65.8505,
76.2632

 60.5002, 75.7092,
88.3176

Harmonies

Analogous

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



21.2229, 16.7011, 21.7088



21.1391, 16.7011, 14.4214



19.5495, 16.7011, 9.6766

Triad

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



21.1391, 16.7011, 14.4214



12.5284, 16.7011, 10.0364



14.7432, 16.7011, 35.8681

Complementary

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



21.1391, 16.7011, 14.4214



23.3814, 30.2895, 35.6262

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.



12.6905, 16.7011, 30.6170



21.1391, 16.7011, 14.4214



11.5088, 16.7011, 15.0642

Square

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



21.1391, 16.7011, 14.4214



14.4988, 16.7011, 7.6571



11.5647, 16.7011, 22.5515



17.3332, 16.7011, 35.5574

Rectangle

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



21.1391, 16.7011, 14.4214



17.9390, 16.7011, 7.9926



11.5647, 16.7011, 22.5515



13.9736, 16.7011, 34.6448

Sweetspot

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



21.1395, 16.7019, 14.4217



52.3585, 51.4116, 53.7788



23.9284, 17.6679, 35.8672



11.3206, 11.0333, 11.4855



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.1395, 16.7019, 14.4217



34.6926, 25.2704, 19.5569



23.6501, 22.1762, 13.8615



7.0987, 7.0959, 7.5062



11.8128, 6.0812, 0.9389



0.2555, 0.1307, 0.0583

Inverse Universe

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



21.1395, 16.7019, 14.4217



34.6926, 25.2704, 19.5569



19.7613, 22.2234, 36.9661



7.0987, 7.0959, 7.5062



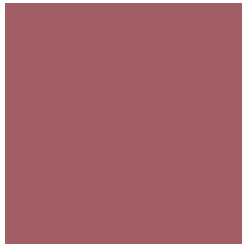
11.8128, 6.0812, 0.9389



0.2555, 0.1307, 0.0583

Previews

White Background



This preview shows how the XYZ color 21.1391, 16.7011, 14.4214 looks on a white background.

Color Contrast Check

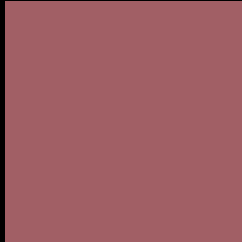
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1391, 16.7011, 14.4214 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 21.1391, 16.7011, 14.4214

Background



This preview shows how black text looks on a background with the XYZ color 21.1391, 16.7011, 14.4214.

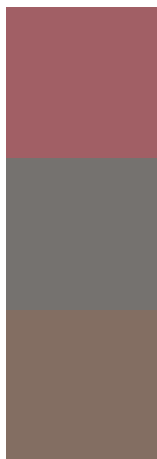


This preview shows how white text looks on a background with the XYZ color 21.1391, 16.7011,

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

21.1391, 16.7011, 14.4214

Protanopia

16.2227, 16.9642, 17.4583

Deuteranopia

17.1406, 16.8590, 13.9060



Tritanopia

21.1884, 16.7208, 14.6811

Trichromacy



Original Color

21.1391, 16.7011, 14.4214

Protanomaly

17.5844, 16.5635, 16.1802

Deuteranomaly

18.4590, 16.7548, 14.0655

Tritanomaly

21.1884, 16.7208, 14.6811

Monochromacy



Original Color

21.1391, 16.7011, 14.4214

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.6928, 16.7564, 17.0537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1391, 16.7011, 14.4214 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(161, 95, 101)` looks like.

```
.text, #text, p{  
    color:rgb(161, 95, 101)  
}
```

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(161, 95, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 95, 101) }
```

Border

The CSS property to change the border of an element to XYZ 21.1391, 16.7011, 14.4214 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(161, 95, 101) }
```


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

```
.border{ border-color:rgb(161, 95, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 95, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 95, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 95, 101);  
box-shadow:4px 4px 4px 4px rgb(161, 95,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1391, 16.7011, 14.4214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 95, 101) }
```

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

```
.background{ background-color: rgb(161, 95,  
101) }
```

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