

Converting Colors

XYZ(21.0170, 16.6873, 15.1117)

Have a look what the booklet for
XYZ(21.0170, 16.6873, 15.1117)
contains.

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Color

**XYZ(21.0881, 16.6575,
15.2005)**

Conversions

Conversions Part 1

Format	Color
Hex	A05F68
RGB	160, 95, 104
RGB Percent	63%, 37%, 41%
CMY	0.3725, 0.6274, 0.5922
CMYK	0.00, 0.41, 0.35, 0.37
HSL	352°, 25%, 50%
HSV	352°, 41%, 63%
XYZ	21.0881, 16.6575, 15.2005
YIQ	115.4610, 35.8510, 16.5790

Conversions

Conversions Part 2

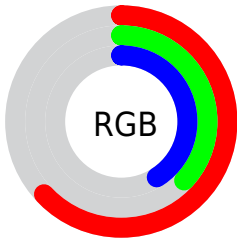
Format	Color
R_{YB}	160, 95, 104
Decimal	10510184
CIE _{Lab}	47.83, 27.58, 6.29
CIE _{LCh}	48, 28.292, 12.850
Yxy	16.6575, 0.3983, 0.3146
Android (android.graphics.Color)	4288700264 (0xFFA05F68)
YUV	115.4610, -5.6503, 39.0607
Hunter-Lab	40.8136, 20.8059, 6.4877

Details

The XYZ color **21.0881, 16.6575, 15.2005** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.8768, 29.8092, 33.8277**, and the grayscale version is **16.4452, 17.3017, 18.8415**.

A 20% lighter version of the original color is **44.5142, 37.5233, 35.9069**, and **7.6989, 5.3926, 4.5060** is the 20% darker color. If you saturate the color by 10%, you get **19.1482, 13.8081, 11.3770**, and if you desaturate by 10%, it is **23.4395, 20.1464, 19.7263**.

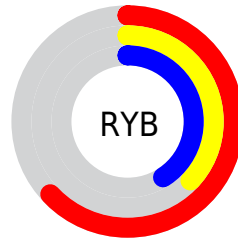
Distribution



Red (63%)

Green (37%)

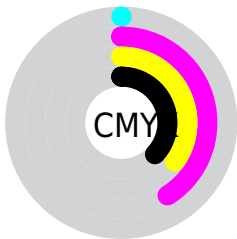
Blue (41%)



Red (63%)

Yellow (37%)

Blue (41%)

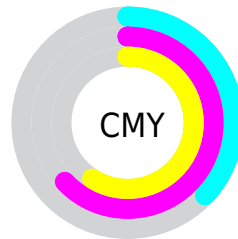


Cyan (0%)

Magenta (41%)

Yellow (35%)

Black (37%)



Cyan (37%)

Magenta (63%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0881, 16.6575, 15.2005 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 21.0881, 16.6575, 15.2005 by changing the saturation by 10% instead.

■ 21.0881, 16.6575,
15.2005

■ 21.0881, 16.6575,
15.2005

250.4692,
233.1908, 236.2590

■ 13.3012, 9.9906,
8.8120

■ 44.7243, 37.7360,
35.9518

■ 7.7147, 5.3927,
4.5236

■ 61.3043, 52.9163,
51.1517

■ 3.9632, 2.4795,
1.9168

■ 81.5461, 71.7032,
70.1259

■ 1.6814, 0.8663,
0.5034

■ 105.8151, 94.4812,
93.2928

■ 0.4446, 0.0000,
0.0000

134.4765,
121.6345, 121.0710

■ 0.0000, 0.0000,
0.0000

167.8957,

153.5477, 153.8791

206.4382,
190.6050, 192.1356

■ 21.0881, 16.6575,
15.2005

■ 21.0881, 16.6575,
15.2005

■ 19.1482, 13.8081,
11.3770

■ 23.4395, 20.1464,
19.7263

■ 17.5945, 11.5569,
8.2195

■ 26.2227, 24.3077,
24.9862

■ 16.4012, 9.8619,
5.6898


■ 29.4587, 29.1752,
31.0114


■ 15.5387, 8.6744,
3.7455


■ 33.1665, 34.7796,
37.8308

■ 14.9726, 7.9371,
2.3388


■ 37.3639, 41.1496,
45.4719

 14.6434, 7.5321,
1.4485

 42.0679, 48.3127,
53.9609

 47.2948, 56.2949,
63.3228

 53.0600, 65.1209,
73.5816

 59.3782, 74.8145,
84.7602

Harmonies

Analogous

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



20.9735, 16.6575, 22.5827



21.0881, 16.6575, 15.2005



19.6903, 16.6575, 10.1900

Triad

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



21.0881, 16.6575, 15.2005



12.7375, 16.6575, 9.6930



14.4354, 16.6575, 35.0569

Complementary

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



21.0881, 16.6575, 15.2005



22.8768, 29.8092, 33.8277

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.



12.5146, 16.6575, 29.4113



21.0881, 16.6575, 15.2005



11.6087, 16.6575, 14.3171

Square

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



21.0881, 16.6575, 15.2005



14.7708, 16.6575, 7.6315



11.5318, 16.6575, 21.4297



16.9438, 16.6575, 35.4801

Rectangle

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



21.0881, 16.6575, 15.2005



18.1676, 16.6575, 8.3200



11.5318, 16.6575, 21.4297



13.7065, 16.6575, 33.6496

Sweetspot

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



21.0885, 16.6583, 15.2008



52.4862, 51.4627, 54.4512



23.0616, 17.2311, 35.3681



11.3509, 11.0454, 11.6449



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.



21.0885, 16.6583, 15.2008



34.9835, 25.3867, 21.0885



23.0123, 21.1986, 13.7064



6.6686, 6.6604, 7.1060



11.4173, 5.8715, 1.1825



0.2135, 0.1087, 0.0705

Inverse Universe

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



21.0885, 16.6583, 15.2008



34.9835, 25.3867, 21.0885



20.0464, 22.9341, 36.6278



6.6686, 6.6604, 7.1060



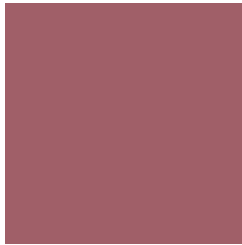
11.4173, 5.8715, 1.1825



0.2135, 0.1087, 0.0705

Previews

White Background



This preview shows how the XYZ color 21.0881, 16.6575, 15.2005 looks on a white background.

Color Contrast Check

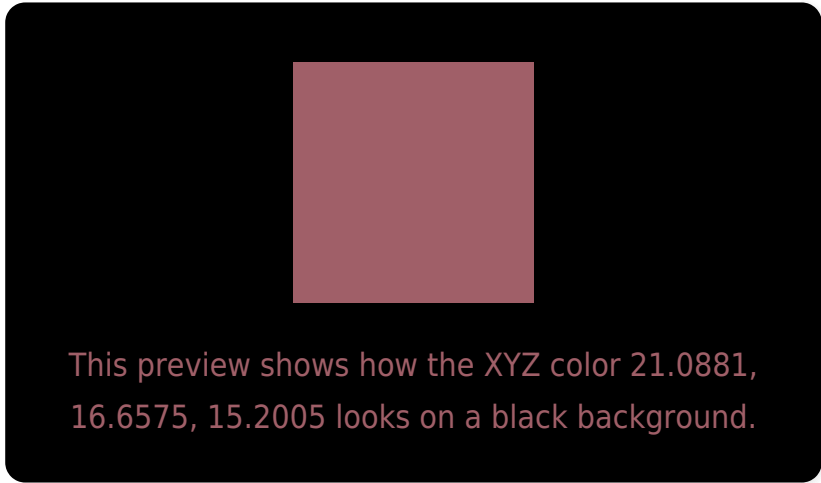
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 21.0881, 16.6575, 15.2005

Background



This preview shows how black text looks on a background with the XYZ color 21.0881, 16.6575, 15.2005.



This preview shows how white text looks on a background with the XYZ color 21.0881, 16.6575,

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

21.0881, 16.6575, 15.2005

Protanopia

16.1448, 16.7382, 18.2995

Deuteranopia

16.9782, 16.7586, 14.6518



Tritanopia

20.9877, 16.6173, 14.6717

Trichromacy



Original Color

21.0881, 16.6575, 15.2005

Protanomaly

17.4842, 16.3394, 16.9842

Deuteranomaly

18.2651, 16.6379, 14.8191

Tritanomaly

21.0376, 16.6373, 14.9345

Monochromacy



Original Color

21.0881, 16.6575, 15.2005

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.5919, 16.6981, 17.3348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0881, 16.6575, 15.2005 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(160, 95, 104)` looks like.

```
.text, #text, p{  
    color:rgb(160, 95, 104)  
}
```

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(160, 95, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 95, 104) }
```

Border

The CSS property to change the border of an element to XYZ 21.0881, 16.6575, 15.2005 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(160, 95, 104) }
```


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

```
.border{ border-color:rgb(160, 95, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 95, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 95, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 95, 104);  
box-shadow:4px 4px 4px 4px rgb(160, 95,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0881, 16.6575, 15.2005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 95, 104) }
```

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

```
.background{ background-color: rgb(160, 95,  
104) }
```

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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