

Converting Colors

XYZ(21.1668, 16.7922, 20.5260)

Have a look what the booklet for
XYZ(21.1668, 16.7922, 20.5260)
contains.

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Color

**XYZ(21.3051, 16.9231,
20.5559)**

Conversions

Conversions Part 1

Format	Color
Hex	9B617A
RGB	155, 97, 122
RGB Percent	61%, 38%, 48%
CMY	0.3922, 0.6196, 0.5216
CMYK	0.00, 0.37, 0.21, 0.39
HSL	334°, 23%, 49%
HSV	334°, 37%, 61%
XYZ	21.3051, 16.9231, 20.5559
YIQ	117.1920, 26.5430, 20.0710

Conversions

Conversions Part 2

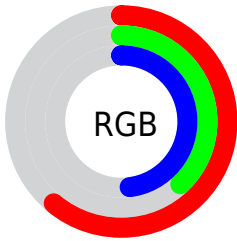
Format	Color
R_{YB}	155, 97, 122
Decimal	10183034
CIE _{Lab}	48.16, 27.16, -4.11
CIE _{LCh}	48, 27.472, 351.402
Yxy	16.9231, 0.3624, 0.2879
Android (android.graphics.Color)	4288373114 (0xFF9B617A)
YUV	117.1920, 2.3703, 33.1576
Hunter-Lab	41.1377, 20.4537, -0.8300

Details

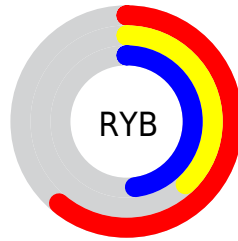
The XYZ color **21.3051, 16.9231, 20.5559** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.6811, 27.5962, 25.3571**, and the grayscale version is **16.9556, 17.8386, 19.4262**.

A 20% lighter version of the original color is **45.2514, 38.3998, 45.0713**, and **7.7804, 5.5024, 6.9553** is the 20% darker color. If you saturate the color by 10%, you get **19.4885, 14.1250, 17.3755**, and if you desaturate by 10%, it is **23.4521, 20.3023, 24.0915**.

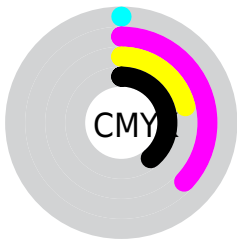
Distribution



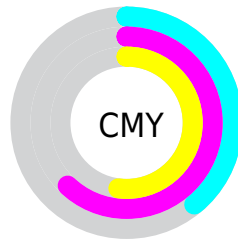
- Red (61%)
- Green (38%)
- Blue (48%)



- Red (61%)
- Yellow (38%)
- Blue (48%)



- Cyan (0%)
- Magenta (37%)
- Yellow (21%)
- Black (39%)



- Cyan (39%)
- Magenta (62%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3051, 16.9231, 20.5559 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 21.3051, 16.9231, 20.5559 by changing the saturation by 10% instead.

■ 21.3051, 16.9231,
20.5559

■ 21.3051, 16.9231,
20.5559

251.5967,
234.7288, 267.6119

■ 13.4609, 10.1797,
12.6117

■ 45.0822, 38.1935,
45.2184

■ 7.8259, 5.5183,
7.0341

■ 61.7459, 53.4893,
62.7738

■ 4.0346, 2.5544,
3.4047

■ 82.0801, 72.4046,
84.3700

■ 1.7217, 0.9038,
1.3048

■ 106.4502, 95.3240,
110.4255

■ 0.4698, 0.0000,
0.0657

135.2215,
122.6317, 141.3589

■ 0.0000, 0.0000,
0.0000

168.7595,

154.7121, 177.5888

207.4294,
191.9497, 219.5336

■ 21.3051, 16.9231,
20.5559

■ 21.3051, 16.9231,
20.5559

■ 19.4885, 14.1250,
17.3755

■ 23.4521, 20.3023,
24.0915

■ 17.9832, 11.8723,
14.5370

■ 25.9444, 24.2909,
27.9930

■ 16.7702, 10.1293,
12.0274

■ 28.7977, 28.9179,
32.2718

■ 15.8278, 8.8545,
9.8324

■ 32.0261, 34.2102,
36.9384

■ 15.1308, 8.0002,
7.9362

■ 35.6432, 40.1927,
42.0029

■ 14.6379, 7.4862,
6.3173

■ 39.6618, 46.8893,
47.4751

■ 14.5249, 7.3715,
5.9369

■ 44.0940, 54.3226,
53.3643

■ 48.9515, 62.5143,
59.6795

■ 54.2454, 71.4851,
66.4295

Harmonies

Analogous

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



20.1294, 16.9231, 28.3858



21.3051, 16.9231, 20.5559



20.9732, 16.9231, 13.8573

Triad

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



21.3051, 16.9231, 20.5559



14.3984, 16.9231, 8.3726



13.2760, 16.9231, 31.3721

Complementary

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



21.3051, 16.9231, 20.5559



20.6811, 27.5962, 25.3571

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.



12.0221, 16.9231, 23.9033



21.3051, 16.9231, 20.5559



12.6220, 16.9231, 11.1205

Square

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



21.3051, 16.9231, 20.5559



16.8122, 16.9231, 7.9130



11.7957, 16.9231, 16.4493



15.3789, 16.9231, 35.6055

Rectangle

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



21.3051, 16.9231, 20.5559



19.9549, 16.9231, 10.7571



11.7957, 16.9231, 16.4493



12.7507, 16.9231, 29.0776

Sweetspot

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



21.3056, 16.9239, 20.5562



49.5550, 48.5040, 54.8042



19.3773, 15.6522, 33.0104



11.0711, 10.7427, 12.1871



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.3056, 16.9239, 20.5562



35.3654, 26.0025, 31.9538



20.3166, 17.1140, 13.5428



6.3138, 6.2647, 7.0325



11.6849, 5.9282, 4.8657



0.1924, 0.0957, 0.1661

Inverse Universe

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



21.3056, 16.9239, 20.5562



35.3654, 26.0025, 31.9538



21.9348, 27.0845, 35.0822



6.3138, 6.2647, 7.0325



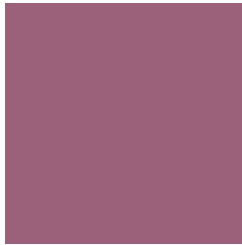
11.6849, 5.9282, 4.8657



0.1924, 0.0957, 0.1661

Previews

White Background



This preview shows how the XYZ color 21.3051, 16.9231, 20.5559 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 21.3051, 16.9231, 20.5559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

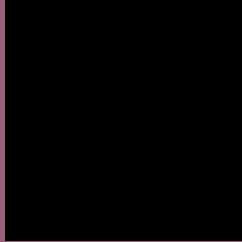
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.3051, 16.9231, 20.5559

Background



This preview shows how black text looks on a background with the XYZ color 21.3051, 16.9231, 20.5559.



This preview shows how white text looks on a background with the XYZ color 21.3051, 16.9231,

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

21.3051, 16.9231, 20.5559

Protanopia

16.8065, 17.1076, 24.6066

Deuteranopia

17.3264, 16.9859, 19.8182



Tritanopia

20.3479, 16.9482, 16.1088

Trichromacy



Original Color

21.3051, 16.9231, 20.5559

Protanomaly

18.0774, 16.8221, 23.0631

Deuteranomaly

18.5359, 16.8150, 20.0380

Tritanomaly

20.7129, 16.9636, 17.5118

Monochromacy



Original Color

21.3051, 16.9231, 20.5559

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.2658, 17.3091, 19.8310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3051, 16.9231, 20.5559 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(155, 97, 122)` looks like.

```
.text, #text, p{  
    color:rgb(155, 97, 122)  
}
```

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(155, 97, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 97, 122) }
```

Border

The CSS property to change the border of an element to XYZ 21.3051, 16.9231, 20.5559 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(155, 97, 122) }
```


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

```
.border{ border-color:rgb(155, 97, 122) }
```

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

Here you see how a box with a 4 pixel rgb(155, 97, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 97, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 97, 122);  
box-shadow:4px 4px 4px 4px rgb(155, 97,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3051, 16.9231, 20.5559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 97, 122) }
```

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

```
.background{ background-color: rgb(155, 97,  
122) }
```

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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