

Converting Colors

XYZ(19.9480, 16.1498, 15.5100)

Have a look what the booklet for
XYZ(19.9480, 16.1498, 15.5100)
contains.

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Color

**XYZ(20.0591, 16.2557,
15.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6069
RGB	154, 96, 105
RGB Percent	60%, 38%, 41%
CMY	0.3961, 0.6235, 0.5882
CMYK	0.00, 0.38, 0.32, 0.40
HSL	351°, 23%, 49%
HSV	351°, 38%, 60%
XYZ	20.0591, 16.2557, 15.4450
YIQ	114.3680, 31.6790, 15.0950

Conversions

Conversions Part 2

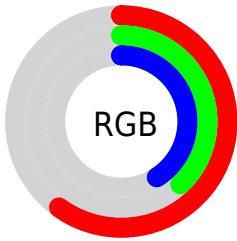
Format	Color
R_{YB}	154, 96, 105
Decimal	10117225
CIE _{Lab}	47.31, 24.81, 4.85
CIE _{LCh}	47, 25.277, 11.055
Yxy	16.2557, 0.3875, 0.3141
Android (android.graphics.Color)	4288307305 (0xFF9A6069)
YUV	114.3680, -4.6184, 34.7573
Hunter-Lab	40.3184, 18.2498, 5.5103

Details

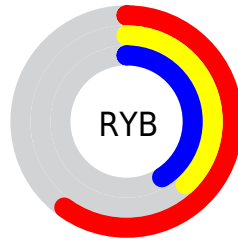
The XYZ color **20.0591, 16.2557, 15.4450** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.4911, 27.6427, 30.9925**, and the grayscale version is **16.1120, 16.9510, 18.4597**.

A 20% lighter version of the original color is **43.0128, 36.9694, 36.3213**, and **7.1875, 5.1861, 4.6252** is the 20% darker color. If you saturate the color by 10%, you get **18.1709, 13.4688, 11.7648**, and if you desaturate by 10%, it is **22.3258, 19.6356, 19.7566**.

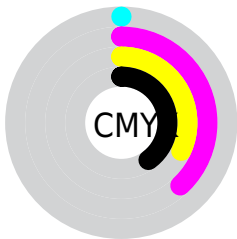
Distribution



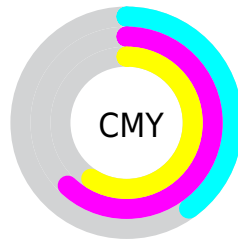
- Red (60%)
- Green (38%)
- Blue (41%)



- Red (60%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (38%)
- Yellow (32%)
- Black (40%)



- Cyan (40%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0591, 16.2557, 15.4450 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 20.0591, 16.2557, 15.4450 by changing the saturation by 10% instead.

■ 20.0591, 16.2557,
15.4450

■ 20.0591, 16.2557,
15.4450

245.0623,
230.8459, 237.7770

■ 12.5465, 9.7053,
8.9822

■ 43.0194, 37.0415,
36.3853

■ 7.1919, 5.2040,
4.6329

■ 59.1979, 52.0458,
51.6998

■ 3.6298, 2.3674,
1.9786

■ 78.9957, 70.6367,
70.8020

■ 1.4949, 0.8091,
0.5421

■ 102.7782, 93.1987,
94.1104

■ 0.3224, 0.0000,
0.0000

130.9108,
120.1163, 122.0436

■ 0.0000, 0.0000,
0.0000

163.7588,

151.7737, 155.0200

201.6875,
188.5554, 193.4583

■ 20.0591, 16.2557,
15.4450

■ 20.0591, 16.2557,
15.4450

■ 18.1709, 13.4688,
11.7648

■ 22.3258, 19.6356,
19.7566

■ 16.6390, 11.2383,
8.6852

■ 24.9889, 23.6376,
24.7263

■ 15.4411, 9.5275,
6.1743


■ 28.0665, 28.2915,
30.3808


■ 14.5517, 8.2940,
4.1968

■ 31.5756, 33.6248,
36.7446


■ 13.9415, 7.4887,
2.7132


■ 35.5319, 39.6632,
43.8412

 13.5626, 7.0271,
1.6744

 39.9504, 46.4312,
51.6931

 13.4902, 6.9355,
1.4858

 44.8456, 53.9519,
60.3217

 50.2311, 62.2477,
69.7475

 56.1200, 71.3397,
79.9903

Harmonies

Analogous

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



19.8777, 16.2557, 21.9995



20.0591, 16.2557, 15.4450



18.9196, 16.2557, 10.7897

Triad

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



20.0591, 16.2557, 15.4450



12.7987, 16.2557, 9.9522



14.0981, 16.2557, 32.0633

Complementary

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



20.0591, 16.2557, 15.4450



21.4911, 27.6427, 30.9925

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.



12.4338, 16.2557, 27.0663



20.0591, 16.2557, 15.4450



11.7350, 16.2557, 14.0002

Square

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



20.0591, 16.2557, 15.4450



14.6418, 16.2557, 8.1665



11.6082, 16.2557, 20.1638



16.2886, 16.2557, 32.7184

Rectangle

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



20.0591, 16.2557, 15.4450



17.6230, 16.2557, 8.9726



11.6082, 16.2557, 20.1638



13.4644, 16.2557, 30.7879

Sweetspot

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



20.0595, 16.2565, 15.4453



48.9059, 48.2443, 51.3859



21.5761, 16.6590, 32.6502



10.9098, 10.6782, 11.3377



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.



20.0595, 16.2565, 15.4453



33.5636, 25.2818, 22.4659



21.6071, 20.0529, 13.7991



6.2459, 6.2375, 6.6752



10.9999, 5.6542, 1.2584



0.1732, 0.0880, 0.0647

Inverse Universe

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



20.0595, 16.2565, 15.4453



33.5636, 25.2818, 22.4659



19.2748, 22.0556, 33.8132



6.2459, 6.2375, 6.6752



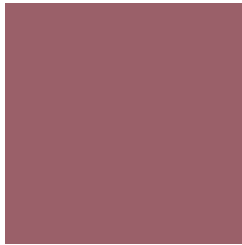
10.9999, 5.6542, 1.2584



0.1732, 0.0880, 0.0647

Previews

White Background



This preview shows how the XYZ color 20.0591, 16.2557, 15.4450 looks on a white background.

Color Contrast Check

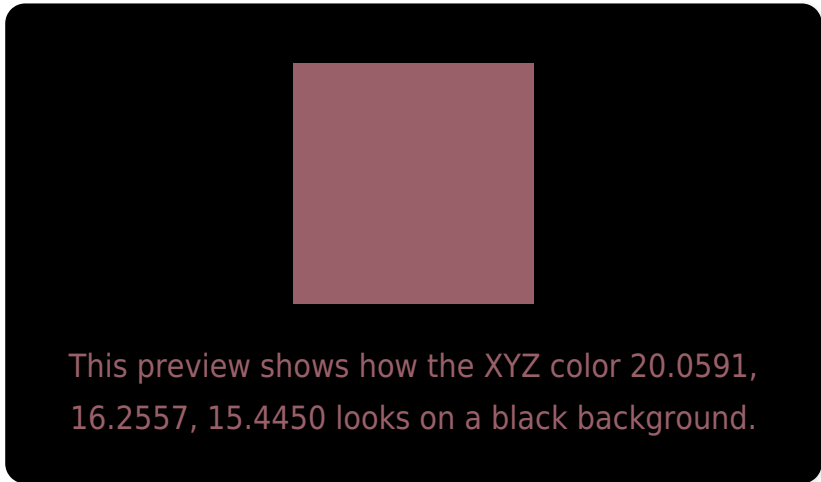
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.0591, 16.2557, 15.4450

Background



This preview shows how black text looks on a background with the XYZ color 20.0591, 16.2557, 15.4450.



This preview shows how white text looks on a background with the XYZ color 20.0591, 16.2557,

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

20.0591, 16.2557, 15.4450

Protanopia

15.7709, 16.3807, 18.2502

Deuteranopia

16.6692, 16.4286, 15.1244



Tritanopia

19.9575, 16.2150, 14.9099

Trichromacy



Original Color

20.0591, 16.2557, 15.4450

Protanomaly

17.0765, 16.1229, 17.2509

Deuteranomaly

17.7655, 16.2185, 15.2908

Tritanomaly

20.0080, 16.2352, 15.1759

Monochromacy



Original Color

20.0591, 16.2557, 15.4450

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.1802, 16.3302, 17.2855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0591, 16.2557, 15.4450 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(154, 96, 105)` looks like.

```
.text, #text, p{  
    color:rgb(154, 96, 105)  
}
```

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(154, 96, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 96, 105) }
```

Border

The CSS property to change the border of an element to XYZ 20.0591, 16.2557, 15.4450 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(154, 96, 105) }
```


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

```
.border{ border-color:rgb(154, 96, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 96, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 96, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 96, 105); box-shadow:4px 4px 4px 4px rgb(154, 96, 105) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0591, 16.2557, 15.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 96, 105) }
```

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

```
.background{ background-color: rgb(154, 96,  
105) }
```

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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