

Converting Colors

XYZ(20.5343, 16.7168, 15.4858)

Have a look what the booklet for
XYZ(20.5343, 16.7168, 15.4858)
contains.

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Color

**XYZ(20.6278, 16.8232,
15.5246)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6269
RGB	156, 98, 105
RGB Percent	61%, 38%, 41%
CMY	0.3882, 0.6157, 0.5882
CMYK	0.00, 0.37, 0.33, 0.39
HSL	353°, 23%, 50%
HSV	353°, 37%, 61%
XYZ	20.6278, 16.8232, 15.5246
YIQ	116.1400, 32.3210, 14.4730

Conversions

Conversions Part 2

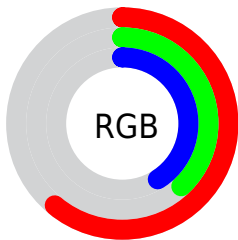
Format	Color
R _Y B	156, 98, 105
Decimal	10248809
CIE Lab	48.04, 24.46, 5.92
CIE LCh	48, 25.163, 13.616
Yxy	16.8232, 0.3894, 0.3176
Android (android.graphics.Color)	4288438889 (0xFF9C6269)
YUV	116.1400, -5.4920, 34.9572
Hunter-Lab	41.0161, 17.9930, 6.2700

Details

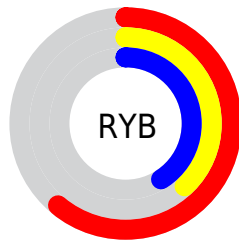
The XYZ color **20.6278, 16.8232, 15.5246** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.3511, 28.5440, 32.7668**, and the grayscale version is **16.6532, 17.5204, 19.0797**.

A 20% lighter version of the original color is **43.8996, 37.8922, 36.4527**, and **7.4978, 5.4703, 4.6637** is the 20% darker color. If you saturate the color by 10%, you get **18.6588, 13.9239, 11.6657**, and if you desaturate by 10%, it is **22.9960, 20.3386, 20.0781**.

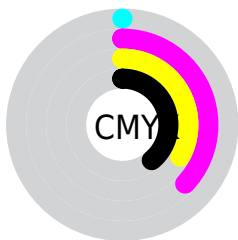
Distribution



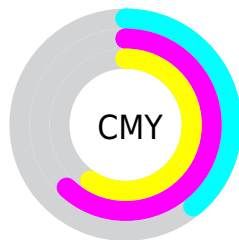
- Red (61%)
- Green (38%)
- Blue (41%)



- Red (61%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (37%)
- Yellow (33%)
- Black (39%)



- Cyan (39%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6278, 16.8232, 15.5246 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 20.6278, 16.8232, 15.5246 by changing the saturation by 10% instead.

■ 20.6278, 16.8232,
15.5246

■ 20.6278, 16.8232,
15.5246

248.0631,
234.1515, 238.2691

■ 12.9631, 10.1085,
9.0377

■ 43.9632, 38.0215,
36.5261

■ 7.4800, 5.4710,
4.6686

■ 60.3647, 53.2740,
51.8778

■ 3.8130, 2.5262,
1.9989

■ 80.4091, 72.1412,
71.0215

■ 1.5969, 0.8897,
0.5546

■ 104.4618, 95.0074,
94.3758

■ 0.3904, 0.0000,
0.0000

132.8882,
122.2572, 122.3591

■ 0.0000, 0.0000,
0.0000

166.0537,

154.2749, 155.3901

204.3235,
191.4448, 193.8872

■ 20.6278, 16.8232,
15.5246

■ 20.6278, 16.8232,
15.5246

■ 18.6588, 13.9239,
11.6657

■ 22.9960, 20.3386,
20.0781

■ 17.0655, 11.6028,
8.4663

■ 25.7823, 24.5002,
25.3570

■ 15.8242, 9.8219,
5.8894


■ 29.0062, 29.3391,
31.3916


■ 14.9078, 8.5373,
3.8943


■ 32.6854, 34.8836,
38.2099


■ 14.2853, 7.6983,
2.4351


■ 36.8367, 41.1603,
45.8389

 13.9097, 7.2242,
1.4558

 41.4760, 48.1948,
54.3038

 13.8264, 7.1143,
1.2525

 46.6185, 56.0110,
63.6292

 52.2788, 64.6320,
73.8382

 58.4707, 74.0799,
84.9535

Harmonies

Analogous

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



20.5631, 16.8232, 22.0823



20.6278, 16.8232, 15.5246



19.3695, 16.8232, 10.9652

Triad

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



20.6278, 16.8232, 15.5246



13.1590, 16.8232, 10.6642



14.7879, 16.8232, 33.1519

Complementary

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



20.6278, 16.8232, 15.5246



22.3511, 28.5440, 32.7668

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.



13.0283, 16.8232, 28.3865



20.6278, 16.8232, 15.5246



12.1507, 16.8232, 15.0071

Square

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



20.6278, 16.8232, 15.5246



14.9824, 16.8232, 8.6425



12.1052, 16.8232, 21.4270



17.0417, 16.8232, 33.3850

Rectangle

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



20.6278, 16.8232, 15.5246



18.0131, 16.8232, 9.2328



12.1052, 16.8232, 21.4270



14.1243, 16.8232, 31.9838

Sweetspot

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



20.6283, 16.8240, 15.5249



50.2196, 49.5852, 52.4184



22.6300, 17.4573, 33.6295



10.8902, 10.6703, 11.2344



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.



20.6283, 16.8240, 15.5249



34.3105, 25.9068, 22.0213



22.5441, 21.2077, 14.4616



6.6640, 6.6585, 7.0818



11.3961, 5.8630, 1.0707



0.2120, 0.1081, 0.0627

Inverse Universe

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



20.6283, 16.8240, 15.5249



34.3105, 25.9068, 22.0213



19.6653, 22.2513, 34.7110



6.6640, 6.6585, 7.0818



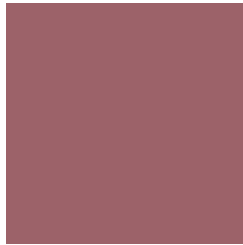
11.3961, 5.8630, 1.0707



0.2120, 0.1081, 0.0627

Previews

White Background



This preview shows how the XYZ color 20.6278, 16.8232, 15.5246 looks on a white background.

Color Contrast Check

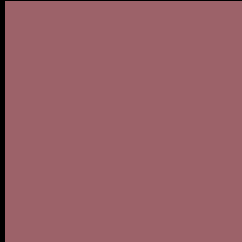
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6278, 16.8232, 15.5246 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 20.6278, 16.8232, 15.5246

Background



This preview shows how black text looks on a background with the XYZ color 20.6278, 16.8232, 15.5246.



This preview shows how white text looks on a background with the XYZ color 20.6278, 16.8232,

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

20.6278, 16.8232, 15.5246

Protanopia

16.3907, 17.0314, 18.3431

Deuteranopia

17.2300, 16.8770, 15.1814



Tritanopia

20.6278, 16.8232, 15.5246

Trichromacy



Original Color

20.6278, 16.8232, 15.5246

Protanomaly

17.5919, 16.6981, 17.3348

Deuteranomaly

18.3002, 16.7965, 15.3742

Tritanomaly

20.6278, 16.8232, 15.5246

Monochromacy



Original Color

20.6278, 16.8232, 15.5246

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.7533, 16.9324, 17.6618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6278, 16.8232, 15.5246 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(156, 98, 105)` looks like.

```
.text, #text, p{  
    color:rgb(156, 98, 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(156, 98, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 98, 105) }
```

Border

The CSS property to change the border of an element to XYZ 20.6278, 16.8232, 15.5246 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(156, 98, 105) }
```


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

```
.border{ border-color:rgb(156, 98, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 98, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 98, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 98, 105); box-shadow:4px 4px 4px 4px rgb(156, 98, 105) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6278, 16.8232, 15.5246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 98, 105) }
```

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

```
.background{ background-color: rgb(156, 98,  
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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