

Converting Colors

XYZ(20.1294, 16.2490, 16.2043)

Have a look what the booklet for
XYZ(20.1294, 16.2490, 16.2043)
contains.

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Color

**XYZ(20.2161, 16.3185,
16.2716)**

Conversions

Conversions Part 1

Format	Color
Hex	9A606C
RGB	154, 96, 108
RGB Percent	60%, 38%, 42%
CMY	0.3961, 0.6235, 0.5765
CMYK	0.00, 0.38, 0.30, 0.40
HSL	348°, 23%, 49%
HSV	348°, 38%, 60%
XYZ	20.2161, 16.3185, 16.2716
YIQ	114.7100, 30.7160, 16.0280

Conversions

Conversions Part 2

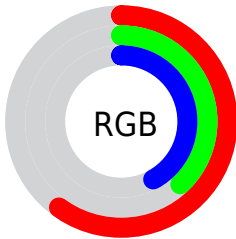
Format	Color
R_{YB}	154, 96, 108
Decimal	10117228
CIE _{Lab}	47.39, 25.23, 3.16
CIE _{LCh}	47, 25.428, 7.136
Yxy	16.3185, 0.3828, 0.3090
Android (android.graphics.Color)	4288307308 (0xFF9A606C)
YUV	114.7100, -3.3080, 34.4573
Hunter-Lab	40.3962, 18.6363, 4.3953

Details

The XYZ color **20.2161, 16.3185, 16.2716** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.2627, 27.5514, 29.7900**, and the grayscale version is **16.2115, 17.0558, 18.5738**.

A 20% lighter version of the original color is **43.2701, 37.0723, 37.6760**, and **7.2661, 5.2175, 5.0390** is the 20% darker color. If you saturate the color by 10%, you get **18.3411, 13.5368, 12.6609**, and if you desaturate by 10%, it is **22.4584, 19.6886, 20.4544**.

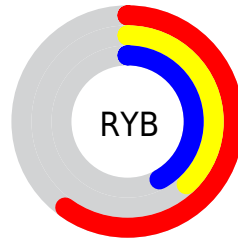
Distribution



Red (60%)

Green (38%)

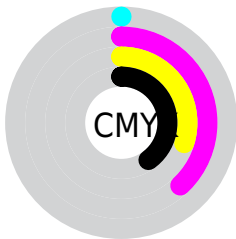
Blue (42%)



Red (60%)

Yellow (38%)

Blue (42%)

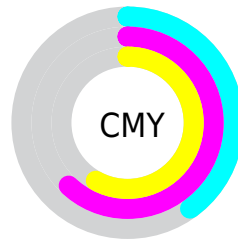


Cyan (0%)

Magenta (38%)

Yellow (30%)

Black (40%)



Cyan (40%)

Magenta (62%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2161, 16.3185, 16.2716 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 20.2161, 16.3185, 16.2716 by changing the saturation by 10% instead.

■ 20.2161, 16.3185,
16.2716

■ 20.2161, 16.3185,
16.2716

245.8939,
231.2139, 242.8393

■ 12.6614, 9.7498,
9.5601

■ 43.2804, 37.1503,
37.8424

■ 7.2712, 5.2334,
5.0065

■ 59.5207, 52.1821,
53.5388

■ 3.6801, 2.3848,
2.1923

■ 79.3869, 70.8038,
73.0673

■ 1.5228, 0.8181,
0.6699

■ 103.2443, 93.3998,
96.8463

■ 0.3413, 0.0000,
0.0000

131.4584,
120.3543, 125.2945

■ 0.0000, 0.0000,
0.0000

164.3945,

152.0520, 158.8304

202.4179,
188.8770, 197.8724

■ 20.2161, 16.3185,
16.2716

■ 20.2161, 16.3185,
16.2716

■ 18.3411, 13.5368,
12.6609

■ 22.4584, 19.6886,
20.4544

■ 16.8120, 11.3075,
9.5962

■ 25.0849, 23.6760,
25.2321

■ 15.6076, 9.5941,
7.0507

■ 28.1134, 28.3103,
30.6272


■ 14.7032, 8.3546,
4.9947

■ 31.5597, 33.6185,
36.6608

■ 14.0711, 7.5406,
3.3955


■ 35.4392, 39.6262,
43.3530

 13.6647, 7.0679,
2.2119

 39.7663, 46.3576,
50.7231

 13.5852, 6.9736,
1.9862

 44.5547, 53.8356,
58.7895

 49.8176, 62.0823,
67.5699

 55.5677, 71.1189,
77.0814

Harmonies

Analogous

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



19.8523, 16.3185, 23.0356



20.2161, 16.3185, 16.2716



19.2249, 16.3185, 11.2834

Triad

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



20.2161, 16.3185, 16.2716



13.0401, 16.3185, 9.6016



13.8878, 16.3185, 31.8205

Complementary

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



20.2161, 16.3185, 16.2716



21.2627, 27.5514, 29.7900

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.



12.3078, 16.3185, 26.3560



20.2161, 16.3185, 16.2716



11.8525, 16.3185, 13.3718

Square

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



20.2161, 16.3185, 16.2716



14.9785, 16.3185, 8.0845



11.5980, 16.3185, 19.3536



16.0544, 16.3185, 33.1335

Rectangle

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



20.2161, 16.3185, 16.2716



17.9808, 16.3185, 9.2541



11.5980, 16.3185, 19.3536



13.2770, 16.3185, 30.3536

Sweetspot

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



20.2165, 16.3193, 16.2719



49.0255, 48.2922, 52.0157



21.0746, 16.4005, 32.6269



10.9395, 10.6900, 11.4939



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.



20.2165, 16.3193, 16.2719



33.8700, 25.4043, 24.0790



21.2804, 19.3996, 13.6902



6.2585, 6.2425, 6.7412



11.0793, 5.6860, 1.6766



0.1768, 0.0895, 0.0837

Inverse Universe

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



20.2165, 16.3193, 16.2719



33.8700, 25.4043, 24.0790



19.6837, 22.8734, 33.9496



6.2585, 6.2425, 6.7412



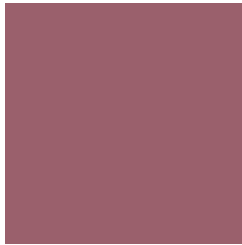
11.0793, 5.6860, 1.6766



0.1768, 0.0895, 0.0837

Previews

White Background



This preview shows how the XYZ color 20.2161, 16.3185, 16.2716 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 20.2161, 16.3185, 16.2716 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

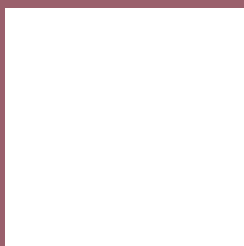
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.2161, 16.3185, 16.2716

Background



This preview shows how black text looks on a background with the XYZ color 20.2161, 16.3185, 16.2716.



This preview shows how white text looks on a background with the XYZ color 20.2161, 16.3185,

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

20.2161, 16.3185, 16.2716

Protanopia

15.9445, 16.4501, 19.1644

Deuteranopia

16.6743, 16.4135, 15.9250



Tritanopia

20.0998, 16.4189, 15.2065

Trichromacy



Original Color

20.2161, 16.3185, 16.2716

Protanomaly

17.2446, 16.1901, 18.1357

Deuteranomaly

17.7575, 16.1964, 16.1002

Tritanomaly

20.1509, 16.4393, 15.4756

Monochromacy



Original Color

20.2161, 16.3185, 16.2716

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.3405, 16.5621, 17.6121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2161, 16.3185, 16.2716 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(154, 96, 108)  
}
```

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, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 96, 108) }
```

Border

The CSS property to change the border of an element to XYZ 20.2161, 16.3185, 16.2716 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, 108) }
```


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

```
.border{ border-color:rgb(154, 96, 108) }
```

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, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 96, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 96, 108);  
box-shadow:4px 4px 4px 4px rgb(154, 96,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2161, 16.3185, 16.2716 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, 108) }
```

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

```
.background{ background-color: rgb(154, 96,  
108) }
```

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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