

Converting Colors

XYZ(21.0393, 20.1506, 16.9679)

Have a look what the booklet for
XYZ(21.0393, 20.1506, 16.9679)
contains.

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Color

**XYZ(21.0393, 20.1506,
16.9679)**

Conversions

Conversions Part 1

Format	Color
Hex	92766C
RGB	146, 118, 108
RGB Percent	57%, 46%, 42%
CMY	0.4274, 0.5372, 0.5765
CMYK	0.00, 0.19, 0.26, 0.43
HSL	16°, 15%, 50%
HSV	16°, 26%, 57%
XYZ	21.0393, 20.1506, 16.9679
YIQ	125.2320, 19.8980, 2.8260

Conversions

Conversions Part 2

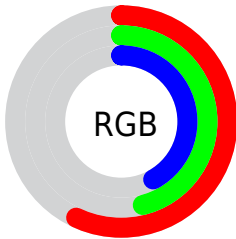
Format	Color
RYB	146, 122, 108
Decimal	9598572
CIELab	52.01, 9.33, 9.63
CIELCh	52, 13.403, 45.910
Yxy	20.1506, 0.3618, 0.3465
Android (android.graphics.Color)	4287788652 (0xFF92766C)
YUV	125.2320, -8.4954, 18.2135
Hunter-Lab	44.8894, 5.1050, 9.0114

Details

The XYZ color **21.0393, 20.1506, 16.9679** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.1766, 22.8711, 30.5454**, and the grayscale version is **19.5947, 20.6151, 22.4499**.

A 20% lighter version of the original color is **44.4522, 43.5320, 38.8605**, and **7.7518, 7.1501, 5.3864** is the 20% darker color. If you saturate the color by 10%, you get **19.1312, 17.4755, 12.8140**, and if you desaturate by 10%, it is **23.2231, 23.1686, 21.8562**.

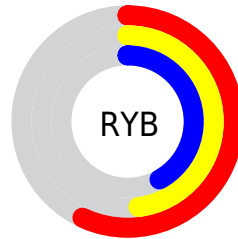
Distribution



Red (57%)

Green (46%)

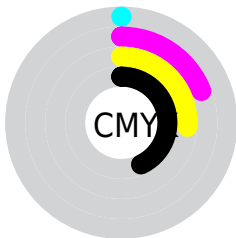
Blue (42%)



Red (57%)

Yellow (48%)

Blue (42%)

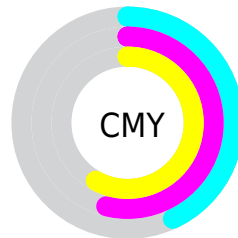


Cyan (0%)

Magenta (19%)

Yellow (26%)

Black (43%)



Cyan (43%)


Magenta (54%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.0393, 20.1506, 16.9679 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 21.0393, 20.1506, 16.9679 by changing the saturation by 10% instead.


 21.0393, 20.1506,
16.9679


 21.0393, 20.1506,
16.9679


250.2150,
252.7292, 247.0250


 13.2654, 12.5046,
10.0499

 44.6437, 43.6695,
39.0605

 7.6898, 7.0883,
5.3260


 61.2049, 60.3112,
55.0721

 3.9472, 3.5174,
2.3777

 81.4259, 80.7202,
74.9520

 1.6723, 1.4074,
0.7743

 105.6720,
105.2810, 99.1188

 0.4388, 0.2222,
0.0000

134.3086,
134.3779, 127.9910

 0.0000, 0.0000,
0.0000

167.7011,

168.3953, 161.9870

206.2148,
207.7176, 201.5255

■ 21.0393, 20.1506,
16.9679

■ 21.0393, 20.1506,
16.9679

■ 19.1312, 17.4755,
12.8140

■ 23.2231, 23.1686,
21.8562

■ 17.4859, 15.1281,
9.3576

■ 25.6916, 26.5384,
27.5109

■ 16.0918, 13.0966,
6.5603

■ 28.4555, 30.2718,
33.9637

■ 14.9358, 11.3669,
4.3795

■ 31.5242, 34.3794,
41.2440

■ 14.0033, 9.9241,
2.7676

■ 34.9069, 38.8715,
49.3798

■ 13.2783, 8.7516,
1.6701

■ 38.6122, 43.7577,
58.3978

■ 12.7392, 7.8302,
1.0065

■ 42.6487, 49.0474,
68.3235

■ 12.5612, 7.5251,
0.7904

■ 47.0242, 54.7496,
79.1813

■ 51.7467, 60.8732,
90.9949

Harmonies

Analogous

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



21.7919, 20.1506, 19.9419



21.0393, 20.1506, 16.9679



19.7993, 20.1506, 15.4220

Triad

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



21.0393, 20.1506, 16.9679



16.7157, 20.1506, 20.1594



19.8818, 20.1506, 30.0011

Complementary

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



21.0393, 20.1506, 16.9679



20.1766, 22.8711, 30.5454

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.



18.5201, 20.1506, 30.0774



21.0393, 20.1506, 16.9679



16.7354, 20.1506, 24.0685

Square

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



21.0393, 20.1506, 16.9679



17.3268, 20.1506, 17.1107



17.3821, 20.1506, 27.8007



21.1022, 20.1506, 27.6032

Rectangle

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



21.0393, 20.1506, 16.9679



18.8833, 20.1506, 15.2751



17.3821, 20.1506, 27.8007



19.4243, 20.1506, 30.3080

Sweetspot

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



21.0398, 20.1515, 16.9683



44.3499, 45.4941, 46.2860



21.6964, 18.6282, 25.9316



9.7289, 9.9339, 9.9813



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.0398, 20.1515, 16.9683



35.1724, 32.8328, 25.6742



23.4358, 24.9434, 17.7670



5.9176, 6.0490, 6.0961



11.0701, 6.6545, 0.7010



0.1568, 0.1241, 0.0157

Inverse Universe

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



20.1766, 22.8711, 30.5454



33.3913, 38.4258, 53.6306



17.7926, 18.1031, 29.7508



5.8363, 6.3065, 7.3794



9.2634, 11.2217, 25.6088



0.1375, 0.1855, 0.3215

Previews

White Background



This preview shows how the XYZ color 21.0393, 20.1506, 16.9679 looks on a white background.

Color Contrast Check

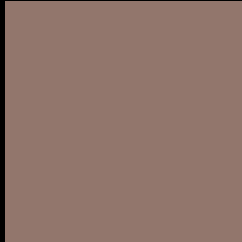
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.0393, 20.1506, 16.9679 looks on a black 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

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

XYZ 21.0393, 20.1506, 16.9679

Background



This preview shows how black text looks on a background with the XYZ color 21.0393, 20.1506, 16.9679.



This preview shows how white text looks on a background with the XYZ color 21.0393, 20.1506,

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

21.0393, 20.1506, 16.9679

Protanopia

19.1302, 20.2301, 17.9355

Deuteranopia

20.5786, 20.2664, 17.0146



Tritanopia

22.1598, 20.2674, 22.1461

Trichromacy



Original Color

21.0393, 20.1506, 16.9679

Protanomaly

19.7657, 20.1958, 17.6083

Deuteranomaly

20.6313, 20.1160, 16.9827

Tritanomaly

21.7237, 20.2575, 20.2179

Monochromacy



Original Color

21.0393, 20.1506, 16.9679

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.9622, 20.2375, 20.3069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0393, 20.1506, 16.9679 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(146, 118, 108)` looks like.

```
.text, #text, p{  
    color:rgb(146, 118, 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(146, 118, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 118, 108) }
```

Border

The CSS property to change the border of an element to XYZ 21.0393, 20.1506, 16.9679 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(146, 118, 108) }
```


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

```
.border{ border-color:rgb(146, 118, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 118, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 118, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 118, 108); box-shadow:4px 4px 4px 4px rgb(146, 118, 108) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0393, 20.1506, 16.9679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 118, 108) }
```

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

```
.background{ background-color: rgb(146,  
118, 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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