

Converting Colors

XYZ(21.6201, 19.4119, 14.5651)

Have a look what the booklet for
XYZ(21.6201, 19.4119, 14.5651)
contains.

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Color

**XYZ(21.6120, 19.4770,
14.6770)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7064
RGB	155, 112, 100
RGB Percent	61%, 44%, 39%
CMY	0.3922, 0.5608, 0.6078
CMYK	0.00, 0.28, 0.35, 0.39
HSL	13°, 22%, 50%
HSV	13°, 35%, 61%
XYZ	21.6120, 19.4770, 14.6770
YIQ	123.4890, 29.4800, 5.3840

Conversions

Conversions Part 2

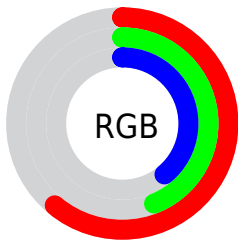
Format	Color
R_{YB}	155, 115, 100
Decimal	10186852
CIE _{Lab}	51.24, 15.35, 13.39
CIE _{LCh}	51, 20.366, 41.090
Yxy	19.4770, 0.3875, 0.3493
Android (android.graphics.Color)	4288376932 (0xFF9B7064)
YUV	123.4890, -11.5801, 27.6351
Hunter-Lab	44.1328, 10.1799, 11.1752

Details

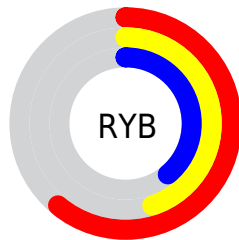
The XYZ color **21.6120, 19.4770, 14.6770** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.9941, 24.7200, 34.6753**, and the grayscale version is **19.0192, 20.0096, 21.7905**.

A 20% lighter version of the original color is **45.7253, 42.6342, 35.0974**, and **7.9555, 6.7486, 4.2515** is the 20% darker color. If you saturate the color by 10%, you get **19.6838, 16.7092, 10.6785**, and if you desaturate by 10%, it is **23.8639, 22.6637, 19.4880**.

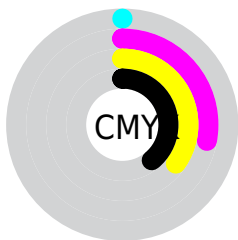
Distribution



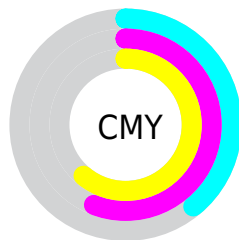
- Red (61%)
- Green (44%)
- Blue (39%)



- Red (61%)
- Yellow (45%)
- Blue (39%)



- Cyan (0%)
- Magenta (28%)
- Yellow (35%)
- Black (39%)





- Cyan (39%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.6120, 19.4770, 14.6770 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 21.6120, 19.4770, 14.6770 by changing the saturation by 10% instead.


 21.6120, 19.4770,
14.6770


 21.6120, 19.4770,
14.6770


253.1839,
249.0696, 232.9758


 13.6871, 12.0155,
8.4489


 45.5875, 42.5386,
35.0198


 7.9836, 6.7542,
4.2917


 62.3688, 58.9074,
49.9716

 4.1362, 3.3089,
1.7867

 82.8330, 79.0141,
68.6683

 1.7795, 1.2950,
0.4191

 107.3454,
103.2431, 91.5286

 0.5052, 0.1373,
0.0000

136.2713,
131.9787, 118.9710

 0.0000, 0.0000,
0.0000

169.9761,

165.6054, 151.4139

208.8252,
204.5076, 189.2760

■ 21.6120, 19.4770,
14.6770

■ 21.6120, 19.4770,
14.6770

■ 19.6838, 16.7092,
10.6785

■ 23.8639, 22.6637,
19.4880

■ 18.0626, 14.3399,
7.4463

■ 26.4522, 26.2829,
25.1521

■ 16.7323, 12.3513,
4.9311

■ 29.3908, 30.3512,
31.7083

■ 15.6747, 10.7231,
3.0774

■ 32.6923, 34.8833,
39.1930

■ 14.8694, 9.4328,
1.8216

■ 36.3686, 39.8933,
47.6407

■ 14.2914, 8.4547,
1.0797

■ 40.4313, 45.3947,
57.0839

■ 14.0847, 8.1028,
0.8216

■ 44.8911, 51.4005,
67.5536

■ 49.7586, 57.9232,
79.0796

■ 55.0440, 64.9747,
91.6904

Harmonies

Analogous

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



22.6120, 19.4770, 19.1291



21.6120, 19.4770, 14.6770



19.8060, 19.4770, 12.2938

Triad

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



21.6120, 19.4770, 14.6770



15.0604, 19.4770, 17.7874



19.2732, 19.4770, 34.1741

Complementary

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



21.6120, 19.4770, 14.6770



20.9941, 24.7200, 34.6753

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.



17.2762, 19.4770, 33.6348



21.6120, 19.4770, 14.6770



14.9407, 19.4770, 23.4304

Square

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



21.6120, 19.4770, 14.6770



16.0641, 19.4770, 13.8498



15.7241, 19.4770, 29.4335



21.1975, 19.4770, 30.7949

Rectangle

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



21.6120, 19.4770, 14.6770



18.4382, 19.4770, 11.8806



15.7241, 19.4770, 29.4335



18.5867, 19.4770, 34.4590

Sweetspot

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



21.6125, 19.4779, 14.6774



49.5415, 50.0800, 49.8573



23.0391, 18.0688, 28.2932



11.0673, 11.1327, 10.9596



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.



21.6125, 19.4779, 14.6774



35.7811, 30.6897, 20.2052



25.1110, 26.4749, 15.8436



6.3127, 6.4305, 6.5143



11.3372, 6.5568, 0.6681



0.1925, 0.1441, 0.0177

Inverse Universe

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



20.9941, 24.7200, 34.6753



34.4829, 41.5511, 61.7390



17.3696, 17.4711, 33.4672



6.2702, 6.7977, 7.9106



10.2895, 12.9756, 26.8699



0.1792, 0.2448, 0.4102

Previews

White Background



This preview shows how the XYZ color 21.6120, 19.4770, 14.6770 looks on a white background.

Color Contrast Check

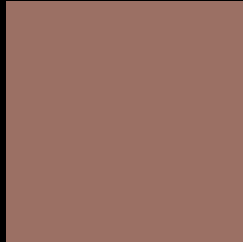
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6120, 19.4770, 14.6770 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 21.6120, 19.4770, 14.6770

Background



This preview shows how black text looks on a background with the XYZ color 21.6120, 19.4770, 14.6770.



This preview shows how white text looks on a background with the XYZ color 21.6120, 19.4770,

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

21.6120, 19.4770, 14.6770

Protanopia

18.5626, 19.6061, 16.1706

Deuteranopia

19.8859, 19.6085, 14.5411



Tritanopia

22.6433, 19.4134, 19.6933

Trichromacy



Original Color

21.6120, 19.4770, 14.6770

Protanomaly

19.4078, 19.3394, 15.5419

Deuteranomaly

20.5301, 19.5947, 14.5045

Tritanomaly

22.1555, 19.3675, 17.6095

Monochromacy



Original Color

21.6120, 19.4770, 14.6770

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.6830, 19.5824, 18.9620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6120, 19.4770, 14.6770 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, 112, 100)` looks like.

```
.text, #text, p{  
    color:rgb(155, 112, 100)  
}
```

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, 112, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 112, 100) }
```

Border

The CSS property to change the border of an element to XYZ 21.6120, 19.4770, 14.6770 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, 112, 100) }
```


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

```
.border{ border-color:rgb(155, 112, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 112, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 112, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 112, 100);  
box-shadow:4px 4px 4px 4px rgb(155, 112,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6120, 19.4770, 14.6770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 112, 100) }
```

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

```
.background{ background-color: rgb(155,  
112, 100) }
```

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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