

Converting Colors

XYZ(21.5393, 18.5922, 14.2033)

Have a look what the booklet for
XYZ(21.5393, 18.5922, 14.2033)
contains.

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Color

**XYZ(21.6104, 18.6853,
14.2720)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6B63
RGB	158, 107, 99
RGB Percent	62%, 42%, 39%
CMY	0.3804, 0.5804, 0.6118
CMYK	0.00, 0.32, 0.37, 0.38
HSL	8°, 23%, 50%
HSV	8°, 37%, 62%
XYZ	21.6104, 18.6853, 14.2720
YIQ	121.3370, 32.9640, 8.3240

Conversions

Conversions Part 2

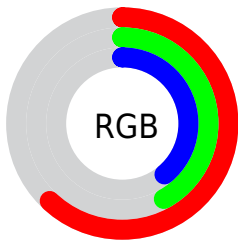
Format	Color
R_{YB}	158, 108, 99
Decimal	10382179
CIE _{Lab}	50.32, 19.32, 12.74
CIE _{LCh}	50, 23.148, 33.407
Yxy	18.6853, 0.3960, 0.3424
Android (android.graphics.Color)	4288572259 (0xFF9E6B63)
YUV	121.3370, -11.0121, 32.1535
Hunter-Lab	43.2265, 13.5919, 10.6829

Details

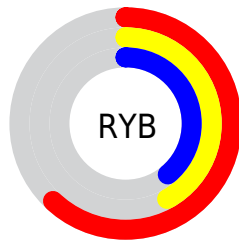
The XYZ color **21.6104, 18.6853, 14.2720** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.2232, 26.9332, 36.3752**, and the grayscale version is **18.3105, 19.2641, 20.9786**.

A 20% lighter version of the original color is **45.6347, 41.2944, 34.4196**, and **8.0095, 6.3791, 4.0580** is the 20% darker color. If you saturate the color by 10%, you get **19.6146, 15.7865, 10.2376**, and if you desaturate by 10%, it is **23.9799, 22.0948, 19.1605**.

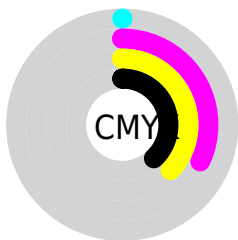
Distribution



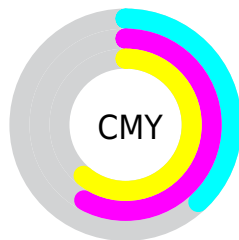
- Red (62%)
- Green (42%)
- Blue (39%)



- Red (62%)
- Yellow (42%)
- Blue (39%)



- Cyan (0%)
- Magenta (32%)
- Yellow (37%)
- Black (38%)



- Cyan (38%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6104, 18.6853, 14.2720 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 21.6104, 18.6853, 14.2720 by changing the saturation by 10% instead.

■ 21.6104, 18.6853,
14.2720

■ 21.6104, 18.6853,
14.2720

253.1757,
244.7059, 230.4034

■ 13.6859, 11.4431,
8.1692

■ 45.5849, 41.2016,
34.2949

■ 7.9828, 6.3657,
4.1141

■ 62.3656, 57.2446,
49.0521

■ 4.1356, 3.0687,
1.6881

■ 82.8291, 76.9899,
67.5312

■ 1.7792, 1.1677,
0.3526

■ 107.3407,
100.8220, 90.1506

■ 0.5051, 0.0351,
0.0000

136.2658,
129.1252, 117.3291

■ 0.0000, 0.0000,
0.0000

169.9698,

162.2840, 149.4850

208.8179,
200.6828, 187.0369

■ 21.6104, 18.6853,
14.2720

■ 21.6104, 18.6853,
14.2720

■ 19.6146, 15.7865,
10.2376

■ 23.9799, 22.0948,
19.1605

■ 17.9718, 13.3713,
7.0071

■ 26.7394, 26.0351,
24.9471

■ 16.6617, 11.4138,
4.5268

■ 29.9061, 30.5287,
31.6743

■ 15.6609, 9.8850,
2.7357

■ 33.4955, 35.5958,
39.3814

■ 14.9432, 8.7523,
1.5636

■ 37.5227, 41.2557,
48.1055

■ 14.4726, 7.9763,
0.8974

■ 42.0016, 47.5267,
57.8817

■ 14.3768, 7.8215,
0.7520

■ 46.9458, 54.4264,
68.7435

■ 52.3682, 61.9716,
80.7230

■ 58.2811, 70.1785,
93.8508

Harmonies

Analogous

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



22.4242, 18.6853, 19.6195



21.6104, 18.6853, 14.2720



19.7620, 18.6853, 11.1754

Triad

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



21.6104, 18.6853, 14.2720



14.1744, 18.6853, 15.3000



18.0175, 18.6853, 35.3402

Complementary

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



21.6104, 18.6853, 14.2720



22.2232, 26.9332, 36.3752

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.



15.8976, 18.6853, 33.5152



21.6104, 18.6853, 14.2720



13.7917, 18.6853, 21.0884

Square

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



21.6104, 18.6853, 14.2720



15.4887, 18.6853, 11.6753



14.3962, 18.6853, 27.9349



20.2428, 18.6853, 32.5013

Rectangle

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



21.6104, 18.6853, 14.2720



18.2598, 18.6853, 10.3735



14.3962, 18.6853, 27.9349



17.2691, 18.6853, 35.2538

Sweetspot

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



21.6109, 18.6862, 14.2724



51.9920, 52.1573, 52.5808



24.0783, 18.3993, 31.1930



11.5565, 11.5247, 11.5035



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.6109, 18.6862, 14.2724



36.1090, 29.3821, 19.5694



25.2087, 25.8819, 15.4717



6.7020, 6.7841, 6.9419



11.5323, 6.3002, 0.6082



0.2245, 0.1491, 0.0170

Inverse Universe

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



22.2232, 26.9332, 36.3752



37.3743, 46.5916, 65.7667



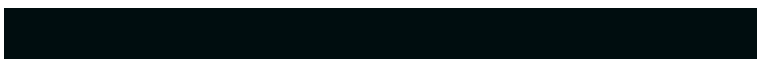
18.1102, 18.7073, 35.0043



6.7451, 7.3559, 8.4710



12.0792, 16.2499, 28.4071



0.2352, 0.3290, 0.5143

Previews

White Background



This preview shows how the XYZ color 21.6104, 18.6853, 14.2720 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 21.6104, 18.6853, 14.2720 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 21.6104, 18.6853, 14.2720

Background



This preview shows how black text looks on a background with the XYZ color 21.6104, 18.6853, 14.2720.

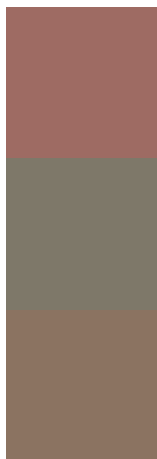


This preview shows how white text looks on a background with the XYZ color 21.6104, 18.6853,

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

21.6104, 18.6853, 14.2720

Protanopia

17.8705, 18.8885, 16.0686

Deuteranopia

18.9359, 18.6135, 13.9040



Tritanopia

22.3303, 18.6663, 18.0488

Trichromacy



Original Color

21.6104, 18.6853, 14.2720

Protanomaly

19.0601, 18.6440, 15.4260

Deuteranomaly

19.8528, 18.5812, 14.0954

Tritanomaly

22.1589, 18.7617, 16.6408

Monochromacy



Original Color

21.6104, 18.6853, 14.2720

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.0575, 18.7514, 18.2377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6104, 18.6853, 14.2720 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(158, 107, 99)` looks like.

```
.text, #text, p{  
    color:rgb(158, 107, 99)  
}
```

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(158, 107, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 107, 99) }
```

Border

The CSS property to change the border of an element to XYZ 21.6104, 18.6853, 14.2720 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(158, 107, 99) }
```


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

```
.border{ border-color:rgb(158, 107, 99) }
```

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

Here you see how a box with a 4 pixel rgb(158, 107, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 107, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 107, 99);  
box-shadow:4px 4px 4px 4px rgb(158, 107,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6104, 18.6853, 14.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 107, 99) }
```

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

```
.background{ background-color: rgb(158,  
107, 99) }
```

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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