

Converting Colors

XYZ(21.0051, 19.1762, 12.9605)

Have a look what the booklet for
XYZ(21.0051, 19.1762, 12.9605)
contains.

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Color

**XYZ(21.0964, 19.2487,
12.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	9A705D
RGB	154, 112, 93
RGB Percent	60%, 44%, 36%
CMY	0.3961, 0.5608, 0.6353
CMYK	0.00, 0.27, 0.40, 0.40
HSL	19°, 25%, 48%
HSV	19°, 40%, 60%
XYZ	21.0964, 19.2487, 12.9594
YIQ	122.3920, 31.1310, 2.9950

Conversions

Conversions Part 2

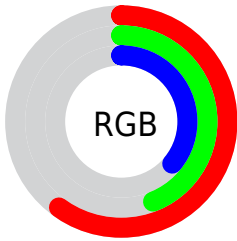
Format	Color
RYB	154, 121, 93
Decimal	10121309
CIELab	50.98, 14.04, 17.10
CIELCh	51, 22.123, 50.610
Yxy	19.2487, 0.3958, 0.3611
Android (android.graphics.Color)	4288311389 (0xFF9A705D)
YUV	122.3920, -14.4903, 27.7202
Hunter-Lab	43.8733, 9.0530, 13.1981

Details

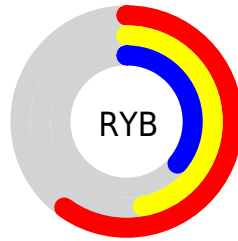
The XYZ color **21.0964, 19.2487, 12.9594** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.0106, 21.9874, 33.8139**, and the grayscale version is **18.6662, 19.6383, 21.3861**.

A 20% lighter version of the original color is **44.8117, 42.2357, 31.7771**, and **7.7133, 6.6387, 3.5642** is the 20% darker color. If you saturate the color by 10%, you get **19.3801, 16.8000, 9.3542**, and if you desaturate by 10%, it is **23.0889, 22.0298, 17.3348**.

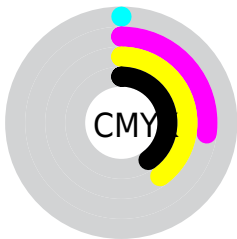
Distribution



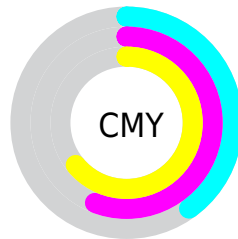
- Red (60%)
- Green (44%)
- Blue (36%)



- Red (60%)
- Yellow (47%)
- Blue (36%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)
- Black (40%)





- Cyan (40%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.0964, 19.2487, 12.9594 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 21.0964, 19.2487, 12.9594 by changing the saturation by 10% instead.


 21.0964, 19.2487,
12.9594


 21.0964, 19.2487,
12.9594


250.5124,
247.8183, 221.8560


 13.3073, 11.8501,
7.2702


 44.7380, 42.1539,
31.9209

 7.7190, 6.6417,
3.5506

 61.3212, 58.4294,
46.0304

 3.9659, 3.2391,
1.3822

 81.5666, 78.4325,
63.7836

 1.6829, 1.2578,
0.1278

 105.8394,
102.5478, 85.5992

 0.4455, 0.1082,
0.0000

134.5050,
131.1597, 111.8957

 0.0000, 0.0000,
0.0000

167.9288,

164.6524, 143.0916

206.4762,
203.4105, 179.6055

■ 21.0964, 19.2487,
12.9594

■ 21.0964, 19.2487,
12.9594

■ 19.3801, 16.8000,
9.3542

■ 23.0889, 22.0298,
17.3348

■ 17.9254, 14.6680,
6.4728

■ 25.3681, 25.1526,
22.5208

■ 16.7186, 12.8399,
4.2655

■ 27.9461, 28.6294,
28.5563

■ 15.7440, 11.3008,
2.6757

■ 30.8334, 32.4712,
35.4774

■ 14.9835, 10.0346,
1.6374

■ 34.0403, 36.6885,
43.3182

■ 14.4027, 9.0173,
0.9987

■ 37.5765, 41.2911,
52.1107

■ 14.3824, 8.9820,
0.9757

■ 41.4512, 46.2887,
61.8856

■ 45.6733, 51.6907,
72.6722

■ 50.2514, 57.5058,
84.4984

Harmonies

Analogous

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



22.5213, 19.2487, 16.9980



21.0964, 19.2487, 12.9594



18.9902, 19.2487, 11.1789

Triad

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



21.0964, 19.2487, 12.9594



14.4514, 19.2487, 19.0539



19.8161, 19.2487, 34.3762

Complementary

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



21.0964, 19.2487, 12.9594



19.0106, 21.9874, 33.8139

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.



17.6176, 19.2487, 35.2309



21.0964, 19.2487, 12.9594



14.6341, 19.2487, 25.4910

Square

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



21.0964, 19.2487, 12.9594



15.2334, 19.2487, 14.2060



15.7538, 19.2487, 31.7145



21.7422, 19.2487, 29.5699

Rectangle

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



21.0964, 19.2487, 12.9594



17.5318, 19.2487, 11.2082



15.7538, 19.2487, 31.7145



19.0807, 19.2487, 35.1680

Sweetspot

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



21.0969, 19.2496, 12.9598



49.4805, 50.2825, 48.8369



21.6635, 16.4680, 25.2179



11.0711, 11.2083, 10.7517



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.



21.0969, 19.2496, 12.9598



35.3927, 30.7887, 17.3758



24.9456, 26.9470, 14.2427



6.3580, 6.5211, 6.5294



11.7467, 7.3757, 0.8045



0.2054, 0.1699, 0.0220

Inverse Universe

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



19.0106, 21.9874, 33.8139



31.0171, 36.4758, 60.9421



15.4191, 14.8044, 32.6167



6.2222, 6.7017, 7.8946



8.9860, 10.3687, 26.4354



0.1663, 0.2190, 0.4059

Previews

White Background



This preview shows how the XYZ color 21.0964, 19.2487, 12.9594 looks on a white background.

Color Contrast Check

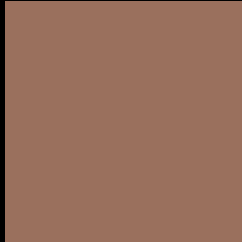
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0964, 19.2487, 12.9594 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 21.0964, 19.2487, 12.9594

Background



This preview shows how black text looks on a background with the XYZ color 21.0964, 19.2487, 12.9594.



This preview shows how white text looks on a background with the XYZ color 21.0964, 19.2487,

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

21.0964, 19.2487, 12.9594

Protanopia

18.0483, 19.2049, 14.0649

Deuteranopia

19.6207, 19.3349, 12.8231



Tritanopia

22.3898, 19.2896, 19.3728

Trichromacy



Original Color

21.0964, 19.2487, 12.9594

Protanomaly

19.0710, 19.2047, 13.7681

Deuteranomaly

20.0951, 19.2372, 12.7792

Tritanomaly

21.8003, 19.2031, 16.7449

Monochromacy



Original Color

21.0964, 19.2487, 12.9594

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.1792, 19.1729, 17.7288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0964, 19.2487, 12.9594 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, 112, 93)` looks like.

```
.text, #text, p{  
    color:rgb(154, 112, 93)  
}
```

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, 112, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 112, 93) }
```

Border

The CSS property to change the border of an element to XYZ 21.0964, 19.2487, 12.9594 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, 112, 93) }
```


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

```
.border{ border-color:rgb(154, 112, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 112, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 112, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 112, 93);  
box-shadow:4px 4px 4px 4px rgb(154, 112,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0964, 19.2487, 12.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 112, 93) }
```

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

```
.background{ background-color: rgb(154,  
112, 93) }
```

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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