

Converting Colors

XYZ(21.8874, 18.7376, 12.3061)

Have a look what the booklet for
XYZ(21.8874, 18.7376, 12.3061)
contains.

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Color

**XYZ(21.9427, 18.7448,
12.3591)**

Conversions

Conversions Part 1

Format	Color
Hex	A26A5B
RGB	162, 106, 91
RGB Percent	64%, 42%, 36%
CMY	0.3647, 0.5843, 0.6431
CMYK	0.00, 0.35, 0.44, 0.36
HSL	13°, 28%, 50%
HSV	13°, 44%, 64%
XYZ	21.9427, 18.7448, 12.3591
YIQ	121.0340, 38.1910, 7.2070

Conversions

Conversions Part 2

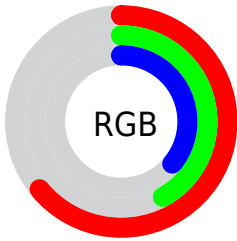
Format	Color
R_{YB}	162, 110, 91
Decimal	10644059
CIE Lab	50.39, 20.58, 17.62
CIE LCh	50, 27.092, 40.581
Yxy	18.7448, 0.4136, 0.3534
Android (android.graphics.Color)	4288834139 (0xFFA26A5B)
YUV	121.0340, -14.8068, 35.9272
Hunter-Lab	43.2953, 14.6998, 13.3817

Details

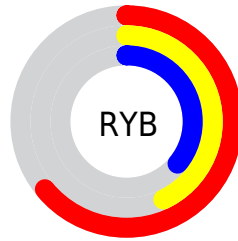
The XYZ color **21.9427, 18.7448, 12.3591** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.2692, 25.6992, 38.0219**, and the grayscale version is **18.2231, 19.1721, 20.8784**.

A 20% lighter version of the original color is **46.2480, 41.4369, 30.7599**, and **8.1711, 6.4037, 3.2880** is the 20% darker color. If you saturate the color by 10%, you get **20.0979, 16.0554, 8.6606**, and if you desaturate by 10%, it is **24.1355, 21.8888, 16.9182**.

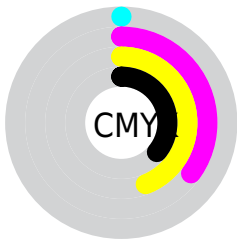
Distribution



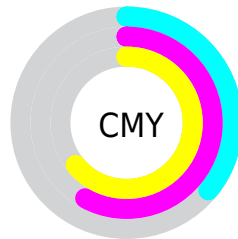
- Red (64%)
- Green (42%)
- Blue (36%)



- Red (64%)
- Yellow (43%)
- Blue (36%)



- Cyan (0%)
- Magenta (35%)
- Yellow (44%)
- Black (36%)





- Cyan (36%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.9427, 18.7448, 12.3591 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 21.9427, 18.7448, 12.3591 by changing the saturation by 10% instead.


 21.9427, 18.7448,
12.3591


 21.9427, 18.7448,
12.3591


254.8849,
245.0363, 217.8300


 13.9312, 11.4860,
6.8632


 46.1308, 41.3024,
30.8216


 8.1542, 6.3947,
3.2996


 63.0381, 57.3701,
44.6253

 4.2464, 3.0866,
1.2496

 83.6414, 77.1428,
62.0353

 1.8425, 1.1771,
0.0199

 108.3060,
101.0050, 83.4703

 0.5431, 0.0429,
0.0000

137.3973,
129.3410, 109.3487

 0.0000, 0.0000,
0.0000

171.2807,

162.5353, 140.0891

210.3214,
200.9723, 176.1100

■ 21.9427, 18.7448,
12.3591

■ 21.9427, 18.7448,
12.3591

■ 20.0979, 16.0554,
8.6606

■ 24.1355, 21.8888,
16.9182

■ 18.5812, 13.7967,
5.7673

■ 26.6920, 25.5043,
22.3867

■ 17.3729, 11.9464,
3.6185

■ 29.6285, 29.6110,
28.8108

■ 16.4504, 10.4796,
2.1448

■ 32.9600, 34.2264,
36.2333

■ 15.7874, 9.3679,
1.2633

■ 36.7005, 39.3673,
44.6945

■ 15.4791, 8.8389,
0.8902

■ 40.8634, 45.0495,
54.2323

■ 45.4616, 51.2883,
64.8827

■ 50.5073, 58.0984,
76.6803

■ 56.0122, 65.4939,
89.6578

Harmonies

Analogous

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



23.2681, 18.7448, 17.8625



21.9427, 18.7448, 12.3591



19.5523, 18.7448, 9.5657

Triad

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



21.9427, 18.7448, 12.3591



13.4572, 18.7448, 15.9607



18.7619, 18.7448, 38.2281

Complementary

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



21.9427, 18.7448, 12.3591



21.2692, 25.6992, 38.0219

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.



16.1863, 18.7448, 37.3566



21.9427, 18.7448, 12.3591



13.2905, 18.7448, 23.1886

Square

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



21.9427, 18.7448, 12.3591



14.7230, 18.7448, 11.2630



14.2428, 18.7448, 31.3641



21.3153, 18.7448, 33.5142

Rectangle

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



21.9427, 18.7448, 12.3591



17.7651, 18.7448, 9.0772



14.2428, 18.7448, 31.3641



17.8678, 18.7448, 38.6026

Sweetspot

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



21.9432, 18.7457, 12.3595



54.1191, 54.2167, 53.0344



23.9710, 17.2955, 30.0091



11.8853, 11.8014, 11.3163



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



21.9432, 18.7457, 12.3595



36.4309, 29.0657, 15.6141



26.2694, 27.3982, 13.8016



7.1895, 7.3173, 7.4135



12.2214, 7.0168, 0.7102



0.2876, 0.2090, 0.0252

Inverse Universe

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



21.2692, 25.6992, 38.0219



35.0088, 43.3584, 68.5800



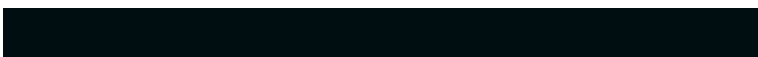
16.6635, 16.4876, 36.4867



7.1485, 7.7560, 9.0234



11.2270, 14.2334, 29.0854



0.2660, 0.3594, 0.6212

Previews

White Background



This preview shows how the XYZ color 21.9427, 18.7448, 12.3591 looks on a white background.

Color Contrast Check

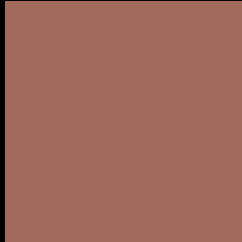
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9427, 18.7448, 12.3591 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 21.9427, 18.7448, 12.3591

Background



This preview shows how black text looks on a background with the XYZ color 21.9427, 18.7448, 12.3591.



This preview shows how white text looks on a background with the XYZ color 21.9427, 18.7448,

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

21.9427, 18.7448, 12.3591

Protanopia

17.7762, 18.8852, 14.0176

Deuteranopia

19.0892, 18.7335, 12.0610



Tritanopia

23.0293, 18.7407, 17.4425

Trichromacy



Original Color

21.9427, 18.7448, 12.3591

Protanomaly

19.0115, 18.6631, 13.4268

Deuteranomaly

20.0341, 18.7161, 12.2295

Tritanomaly

22.5533, 18.6866, 15.5149

Monochromacy



Original Color

21.9427, 18.7448, 12.3591

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.2132, 18.8508, 17.3778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9427, 18.7448, 12.3591 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(162, 106, 91)` looks like.

```
.text, #text, p{  
    color:rgb(162, 106, 91)  
}
```

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(162, 106, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 106, 91) }
```

Border

The CSS property to change the border of an element to XYZ 21.9427, 18.7448, 12.3591 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(162, 106, 91) }
```


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

```
.border{ border-color:rgb(162, 106, 91) }
```

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

Here you see how a box with a 4 pixel rgb(162, 106, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 106, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 106, 91);  
box-shadow:4px 4px 4px 4px rgb(162, 106,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9427, 18.7448, 12.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 106, 91) }
```

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

```
.background{ background-color: rgb(162,  
106, 91) }
```

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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