

Converting Colors

XYZ(18.0287, 21.3280, 13.3940)

Have a look what the booklet for
XYZ(18.0287, 21.3280, 13.3940)
contains.

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Color

**XYZ(18.0682, 21.3402,
13.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	79845C
RGB	121, 132, 92
RGB Percent	47%, 52%, 36%
CMY	0.5255, 0.4823, 0.6392
CMYK	0.08, 0.00, 0.30, 0.48
HSL	77°, 18%, 44%
HSV	77°, 30%, 52%
XYZ	18.0682, 21.3402, 13.2920
YIQ	124.1510, 6.2840, -14.7720

Conversions

Conversions Part 2

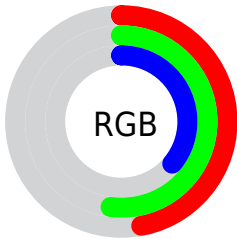
Format	Color
R_{YB}	92, 132, 103
Decimal	7963740
CIE _{Lab}	53.32, -11.30, 20.30
CIE _{LCh}	53, 23.235, 119.096
Yxy	21.3402, 0.3428, 0.4049
Android (android.graphics.Color)	4286153820 (0xFF79845C)
YUV	124.1510, -15.8504, -2.7634
Hunter-Lab	46.1955, -11.0262, 15.2771

Details

The XYZ color **18.0682, 21.3402, 13.2920** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.5864, 12.2044, 23.4706**, and the grayscale version is **19.2588, 20.2617, 22.0650**.

A 20% lighter version of the original color is **39.7624, 45.6798, 32.7080**, and **6.2589, 7.7615, 3.7530** is the 20% darker color. If you saturate the color by 10%, you get **17.0416, 20.8726, 10.4898**, and if you desaturate by 10%, it is **19.2156, 21.8598, 16.6256**.

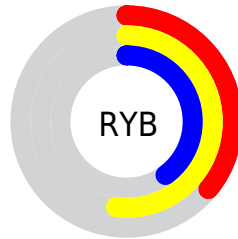
Distribution



Red (47%)

Green (52%)

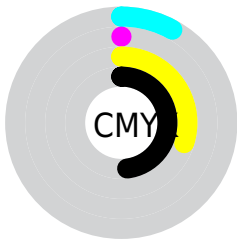
Blue (36%)



Red (36%)

Yellow (52%)

Blue (40%)

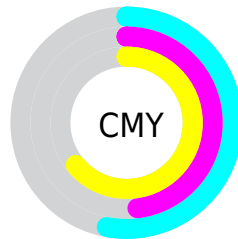


Cyan (8%)

Magenta (0%)

Yellow (30%)

Black (48%)



Cyan (53%)

Magenta (48%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0682, 21.3402, 13.2920 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 18.0682, 21.3402, 13.2920 by changing the saturation by 10% instead.

■ 18.0682, 21.3402,
13.2920

■ 18.0682, 21.3402,
13.2920

234.2933,
259.0810, 224.0538

■ 11.0989, 13.3729,
7.4968

■ 39.6827, 45.6530,
32.5262

■ 6.2012, 7.6858,
3.6916

■ 55.0586, 62.7674,
46.8024

■ 3.0096, 3.8946,
1.4577

■ 73.9675, 83.6995,
64.7426

■ 1.1589, 1.6148,
0.1861

■ 96.7746, 108.8338,
86.7655

■ 0.0735, 0.3675,
0.0000

123.8454,
138.5547, 113.2895

■ 0.0000, 0.0000,
0.0000

155.5453,

173.2466, 144.7332

192.2394,
213.2939, 181.5151

■ 18.0682, 21.3402,
13.2920

■ 18.0682, 21.3402,
13.2920

■ 17.0416, 20.8726,
10.4898

■ 19.2156, 21.8598,
16.6256

■ 16.1288, 20.4520,
8.1903

■ 20.4873, 22.4306,
20.5148

■ 15.3244, 20.0769,
6.3638

■ 21.8884, 23.0554,
24.9839

■ 14.6219, 19.7447,
4.9773

■ 23.4236, 23.7362,
30.0554

■ 14.0140, 19.4525,
3.9933

■ 25.0969, 24.4745,
35.7504

■ 13.4922, 19.1967,
3.3683

■ 26.9125, 25.2720,
42.0894

■ 13.0435, 18.9737,
2.9748

■ 28.8741, 26.1304,
49.0914

■ 30.9856, 27.0510,
56.7752

■ 33.2504, 28.0353,
65.1584

Harmonies

Analogous

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



20.3580, 21.3402, 12.1492



18.0682, 21.3402, 13.2920



16.4881, 21.3402, 16.9475

Triad

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



18.0682, 21.3402, 13.2920



17.9487, 21.3402, 36.9108



25.3919, 21.3402, 23.4504

Complementary

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



18.0682, 21.3402, 13.2920



13.5864, 12.2044, 23.4706

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.



24.6202, 21.3402, 30.9142



18.0682, 21.3402, 13.2920



20.2086, 21.3402, 39.5903

Square

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



18.0682, 21.3402, 13.2920



16.4231, 21.3402, 30.4681



22.6723, 21.3402, 37.2028



24.7053, 21.3402, 17.2495

Rectangle

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



18.0682, 21.3402, 13.2920



15.9826, 21.3402, 20.7654



22.6723, 21.3402, 37.2028



25.2934, 21.3402, 25.8949

Sweetspot

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



18.0687, 21.3411, 13.2925



36.3471, 39.6259, 36.9521



16.2654, 15.3132, 12.2240



8.3923, 9.1944, 8.3838



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



18.0687, 21.3411, 13.2925



30.6269, 37.0441, 20.1013



15.5880, 20.0623, 13.1764



4.9182, 5.3604, 5.0048



12.6339, 18.3730, 2.8805



0.0508, 0.0673, 0.0103

Inverse Universe

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



13.5864, 12.2044, 23.4706



21.4847, 18.4009, 40.8725



16.1135, 13.5072, 23.5889



4.5459, 4.6020, 5.8494



4.7522, 1.9840, 21.2692



0.0228, 0.0101, 0.0740

Previews

White Background



This preview shows how the XYZ color 18.0682, 21.3402, 13.2920 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 18.0682, 21.3402, 13.2920 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

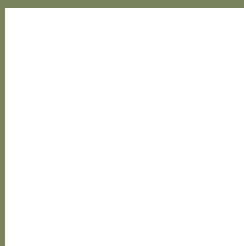
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.0682, 21.3402, 13.2920

Background



This preview shows how black text looks on a background with the XYZ color 18.0682, 21.3402, 13.2920.



This preview shows how white text looks on a background with the XYZ color 18.0682, 21.3402,

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

18.0682, 21.3402, 13.2920

Protanopia

19.7514, 21.2353, 12.7307

Deuteranopia

21.5576, 21.2112, 13.5476



Tritanopia

20.6572, 21.2113, 26.2980

Trichromacy



Original Color

18.0682, 21.3402, 13.2920

Protanomaly

19.0987, 21.2811, 12.9986

Deuteranomaly

20.0841, 21.2010, 13.3896

Tritanomaly

19.5668, 21.1544, 20.8212

Monochromacy



Original Color

18.0682, 21.3402, 13.2920

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.6824, 20.5595, 18.3130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0682, 21.3402, 13.2920 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(121, 132, 92)` looks like.

```
.text, #text, p{  
    color:rgb(121, 132, 92)  
}
```

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(121, 132, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 132, 92) }
```

Border

The CSS property to change the border of an element to XYZ 18.0682, 21.3402, 13.2920 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(121, 132, 92) }
```


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

```
.border{ border-color:rgb(121, 132, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 132, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 132, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 132, 92);  
box-shadow:4px 4px 4px 4px rgb(121, 132,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0682, 21.3402, 13.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 132, 92) }
```

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

```
.background{ background-color: rgb(121,  
132, 92) }
```

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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