

Converting Colors

XYZ(18.3044, 21.5306, 13.4637)

Have a look what the booklet for
XYZ(18.3044, 21.5306, 13.4637)
contains.

XYZ(18.2531, 21.4304, 13.5304)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.2531, 21.4304,
13.5304)**

Conversions

Conversions Part 1

Format	Color
Hex	7A845D
RGB	122, 132, 93
RGB Percent	48%, 52%, 36%
CMY	0.5216, 0.4823, 0.6353
CMYK	0.08, 0.00, 0.30, 0.48
HSL	75°, 17%, 44%
HSV	75°, 30%, 52%
XYZ	18.2531, 21.4304, 13.5304
YIQ	124.5640, 6.5590, -14.2490

Conversions

Conversions Part 2

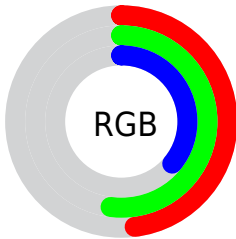
Format	Color
R_{YB}	93, 132, 103
Decimal	8029277
CIE _{Lab}	53.42, -10.74, 19.88
CIE _{LCh}	53, 22.597, 118.381
Yxy	21.4304, 0.3430, 0.4027
Android (android.graphics.Color)	4286219357 (0xFF7A845D)
YUV	124.5640, -15.5611, -2.2486
Hunter-Lab	46.2930, -10.6310, 15.0759

Details

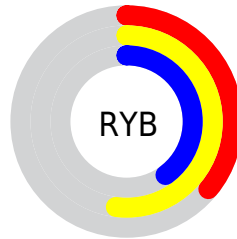
The XYZ color **18.2531, 21.4304, 13.5304** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.6736, 12.3788, 23.4996**, and the grayscale version is **19.3960, 20.4061, 22.2223**.

A 20% lighter version of the original color is **40.0622, 45.8255, 33.1193**, and **6.3341, 7.8002, 3.7565** is the 20% darker color. If you saturate the color by 10%, you get **17.2473, 20.9744, 10.6904**, and if you desaturate by 10%, it is **19.3776, 21.9373, 16.9038**.

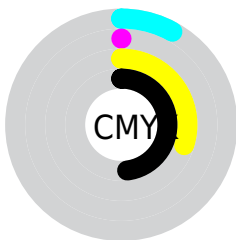
Distribution



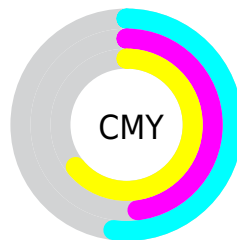
- Red (48%)
- Green (52%)
- Blue (36%)



- Red (36%)
- Yellow (52%)
- Blue (40%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (48%)



- Cyan (52%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2531, 21.4304, 13.5304 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 18.2531, 21.4304, 13.5304 by changing the saturation by 10% instead.

■ 18.2531, 21.4304,
13.5304

■ 18.2531, 21.4304,
13.5304

235.3119,
259.5571, 225.6154

■ 11.2326, 13.4390,
7.6598

■ 39.9948, 45.8027,
32.9585

■ 6.2920, 7.7315,
3.7934

■ 55.4468, 62.9525,
47.3530

■ 3.0658, 3.9236,
1.5127

■ 74.4400, 83.9237,
65.4260

■ 1.1886, 1.6309,
0.2274

■ 97.3398, 109.1009,
87.5958

■ 0.0974, 0.3783,
0.0000

124.5116,
138.8685, 114.2812

■ 0.0000, 0.0000,
0.0000

156.3206,

173.6107, 145.9005

193.1322,
213.7121, 182.8724

■ 18.2531, 21.4304,
13.5304

■ 18.2531, 21.4304,
13.5304

■ 17.2473, 20.9744,
10.6904

■ 19.3776, 21.9373,
16.9038

■ 16.3533, 20.5643,
8.3550

■ 20.6243, 22.4942,
20.8345

■ 15.5658, 20.1987,
6.4950

■ 21.9982, 23.1041,
25.3467

■ 14.8784, 19.8749,
5.0775

■ 23.5038, 23.7686,
30.4628

■ 14.2838, 19.5902,
4.0654

■ 25.1454, 24.4895,
36.2039

■ 13.7737, 19.3411,
3.4156

■ 26.9268, 25.2683,
42.5903

■ 13.3246, 19.1182,
3.0051

■ 28.8519, 26.1067,
49.6411

■ 13.3047, 19.1083,
2.9870

■ 30.9244, 27.0061,
57.3749

■ 33.1477, 27.9678,
65.8093

Harmonies

Analogous

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



20.4996, 21.4304, 12.4590



18.2531, 21.4304, 13.5304



16.6864, 21.4304, 17.0681

Triad

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



18.2531, 21.4304, 13.5304



18.0440, 21.4304, 36.4956



25.3391, 21.4304, 23.7094

Complementary

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



18.2531, 21.4304, 13.5304



13.6736, 12.3788, 23.4996

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.



24.5570, 21.4304, 30.9718



18.2531, 21.4304, 13.5304



20.2389, 21.4304, 39.1961

Square

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



18.2531, 21.4304, 13.5304



16.5725, 21.4304, 30.1972



22.6423, 21.4304, 37.0010



24.7050, 21.4304, 17.5986

Rectangle

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



18.2531, 21.4304, 13.5304



16.1747, 21.4304, 20.7721



22.6423, 21.4304, 37.0010



25.2320, 21.4304, 26.0985

Sweetspot

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



18.2536, 21.4313, 13.5309



36.4074, 39.6570, 36.9549



16.3177, 15.3473, 12.4586



8.4082, 9.2026, 8.3845



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.



18.2536, 21.4313, 13.5309



31.0231, 37.2375, 20.6066



15.7926, 20.1627, 13.4157



4.9263, 5.3645, 5.0052



12.8867, 18.5033, 2.8923



0.0514, 0.0676, 0.0103

Inverse Universe

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



13.6736, 12.3788, 23.4996



21.6882, 18.7801, 40.9350



16.1414, 13.6510, 23.6151



4.5382, 4.5980, 5.8491



4.6712, 1.9423, 21.2654



0.0222, 0.0098, 0.0740

Previews

White Background



This preview shows how the XYZ color 18.2531, 21.4304, 13.5304 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 18.2531, 21.4304, 13.5304 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

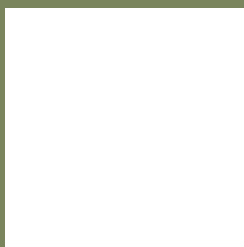
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2531, 21.4304, 13.5304

Background



This preview shows how black text looks on a background with the XYZ color 18.2531, 21.4304, 13.5304.



This preview shows how white text looks on a background with the XYZ color 18.2531, 21.4304,

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

18.2531, 21.4304, 13.5304

Protanopia

19.7942, 21.2524, 12.9564

Deuteranopia

21.6028, 21.2293, 13.7856



Tritanopia

20.8069, 21.2885, 26.3050

Trichromacy



Original Color

18.2531, 21.4304, 13.5304

Protanomaly

19.2977, 21.3788, 13.2346

Deuteranomaly

20.2965, 21.3053, 13.6323

Tritanomaly

19.7135, 21.2300, 20.8281

Monochromacy



Original Color

18.2531, 21.4304, 13.5304

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.0120, 20.9157, 18.6579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2531, 21.4304, 13.5304 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(122, 132, 93)` looks like.

```
.text, #text, p{  
    color:rgb(122, 132, 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(122, 132, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 132, 93) }
```

Border

The CSS property to change the border of an element to XYZ 18.2531, 21.4304, 13.5304 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(122, 132, 93) }
```


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

```
.border{ border-color:rgb(122, 132, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 132, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 132, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 132, 93);  
box-shadow:4px 4px 4px 4px rgb(122, 132,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2531, 21.4304, 13.5304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 132, 93) }
```

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

```
.background{ background-color: rgb(122,  
132, 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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