

Converting Colors

XYZ(18.6845, 21.6528, 13.5506)

Have a look what the booklet for
XYZ(18.6845, 21.6528, 13.5506)
contains.

XYZ(18.6845, 21.6528, 13.5506)	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(18.6845, 21.6528,
13.5506)**

Conversions

Conversions Part 1

Format	Color
Hex	7D845D
RGB	125, 132, 93
RGB Percent	49%, 52%, 36%
CMY	0.5098, 0.4823, 0.6353
CMYK	0.05, 0.00, 0.30, 0.48
HSL	71°, 17%, 44%
HSV	71°, 30%, 52%
XYZ	18.6845, 21.6528, 13.5506
YIQ	125.4610, 8.3470, -13.6130

Conversions

Conversions Part 2

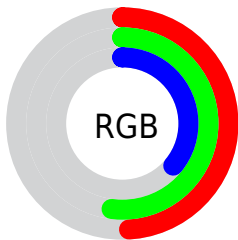
Format	Color
RYB	93, 132, 100
Decimal	8225885
CIELab	53.66, -9.52, 20.24
CIElCh	54, 22.370, 115.181
Yxy	21.6528, 0.3467, 0.4018
Android (android.graphics.Color)	4286415965 (0xFF7D845D)
YUV	125.4610, -16.0033, -0.4043
Hunter-Lab	46.5326, -9.7578, 15.3071

Details

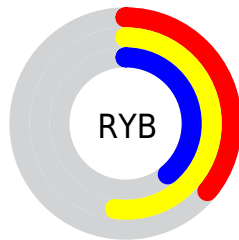
The XYZ color **18.6845, 21.6528, 13.5506** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.3356, 12.2046, 23.4838**, and the grayscale version is **19.6994, 20.7253, 22.5698**.

A 20% lighter version of the original color is **40.7431, 46.1765, 33.1511**, and **6.4880, 7.8796, 3.7637** is the 20% darker color. If you saturate the color by 10%, you get **17.8079, 21.2634, 10.7166**, and if you desaturate by 10%, it is **19.6714, 22.0888, 16.9175**.

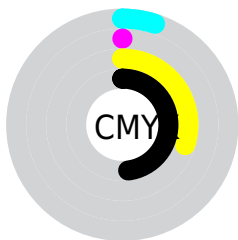
Distribution



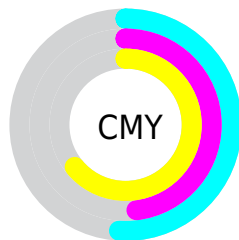
- Red (49%)
- Green (52%)
- Blue (36%)



- Red (36%)
- Yellow (52%)
- Blue (39%)



- Cyan (5%)
- Magenta (0%)
- Yellow (30%)
- Black (48%)



- Cyan (51%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6845, 21.6528, 13.5506 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 18.6845, 21.6528, 13.5506 by changing the saturation by 10% instead.

■ 18.6845, 21.6528,
13.5506

■ 18.6845, 21.6528,
13.5506

237.6731,
260.7277, 225.7472

■ 11.5452, 13.6020,
7.6736

■ 40.7213, 46.1715,
32.9950

■ 6.5048, 7.8444,
3.8021

■ 56.3495, 63.4081,
47.3996

■ 3.1979, 3.9955,
1.5174

■ 75.5380, 84.4756,
65.4837

■ 1.2593, 1.6711,
0.2308

■ 98.6522, 109.7581,
87.6660

■ 0.1524, 0.4048,
0.0000

126.0575,
139.6402, 114.3649

■ 0.0000, 0.0000,
0.0000

158.1192,

174.5063, 145.9991

195.2026,
214.7406, 182.9870

■ 18.6845, 21.6528,
13.5506

■ 18.6845, 21.6528,
13.5506

■ 17.8079, 21.2634,
10.7166

■ 19.6714, 22.0888,
16.9175

■ 17.0347, 20.9156,
8.3869

■ 20.7719, 22.5704,
20.8414

■ 16.3598, 20.6080,
6.5322

■ 21.9910, 23.1004,
25.3464

■ 15.7769, 20.3382,
5.1195

■ 23.3331, 23.6806,
30.4548

■ 15.2788, 20.1032,
4.1119

■ 24.8022, 24.3125,
36.1879

■ 14.8574, 19.8998,
3.4663

■ 26.4022, 24.9979,
42.5658

■ 14.4892, 19.7186,
3.0596

■ 28.1368, 25.7380,
49.6077

■ 14.4728, 19.7105,
3.0417

■ 30.0095, 26.5344,
57.3322

■ 32.0239, 27.3885,
65.7568

Harmonies

Analogous

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



20.9692, 21.6528, 12.7343



18.6845, 21.6528, 13.5506



17.0301, 21.6528, 16.8255

Triad

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



18.6845, 21.6528, 13.5506



18.0639, 21.6528, 36.1300



25.5129, 21.6528, 24.7005

Complementary

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



18.6845, 21.6528, 13.5506



13.3356, 12.2046, 23.4838

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.



24.5925, 21.6528, 31.9271



18.6845, 21.6528, 13.5506



20.1963, 21.6528, 39.2914

Square

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



18.6845, 21.6528, 13.5506



16.6918, 21.6528, 29.6375



22.6003, 21.6528, 37.6212



25.0303, 21.6528, 18.4034

Rectangle

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



18.6845, 21.6528, 13.5506



16.4459, 21.6528, 20.3646



22.6003, 21.6528, 37.6212



25.3554, 21.6528, 27.1089

Sweetspot

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



18.6851, 21.6538, 13.5511



36.6583, 39.7863, 36.9667



16.0016, 14.7152, 12.3532



8.4745, 9.2368, 8.3876



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.



18.6851, 21.6538, 13.5511



31.9265, 37.7033, 20.6488



16.1717, 20.3581, 13.4334



4.9599, 5.3819, 5.0068



14.0165, 19.0857, 2.9452



0.0539, 0.0689, 0.0105

Inverse Universe

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



13.3356, 12.2046, 23.4838



21.0228, 18.4371, 40.9039



15.6877, 13.4171, 23.5939



4.5068, 4.5818, 5.8476



4.3941, 1.7994, 21.2524



0.0197, 0.0085, 0.0738

Previews

White Background



This preview shows how the XYZ color 18.6845, 21.6528, 13.5506 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 18.6845, 21.6528, 13.5506 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 18.6845, 21.6528, 13.5506

Background



This preview shows how black text looks on a background with the XYZ color 18.6845, 21.6528, 13.5506.



This preview shows how white text looks on a background with the XYZ color 18.6845, 21.6528,

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

18.6845, 21.6528, 13.5506

Protanopia

20.0887, 21.5969, 13.0074

Deuteranopia

21.9110, 21.5715, 13.8353



Tritanopia

21.2649, 21.5246, 26.3264

Trichromacy



Original Color

18.6845, 21.6528, 13.5506

Protanomaly

19.4549, 21.4598, 13.2420

Deuteranomaly

20.6366, 21.4806, 13.6482

Tritanomaly

20.1626, 21.4615, 20.8491

Monochromacy



Original Color

18.6845, 21.6528, 13.5506

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.1573, 20.9906, 18.6647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6845, 21.6528, 13.5506 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(125, 132, 93)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 132, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 132, 93) }
```

Border

The CSS property to change the border of an element to XYZ 18.6845, 21.6528, 13.5506 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(125, 132, 93) }
```


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

```
.border{ border-color:rgb(125, 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(125, 132, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 132, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 132, 93);  
box-shadow:4px 4px 4px 4px rgb(125, 132,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6845, 21.6528, 13.5506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 132, 93) }
```

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

```
.background{ background-color: rgb(125,  
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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