

Converting Colors

XYZ(18.7574, 21.6773, 7.4817)

Have a look what the booklet for
XYZ(18.7574, 21.6773, 7.4817)
contains.

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Color

**XYZ(18.7634, 21.6272,
7.4605)**

Conversions

Conversions Part 1

Format	Color
Hex	86833C
RGB	134, 131, 60
RGB Percent	53%, 51%, 24%
CMY	0.4745, 0.4863, 0.7647
CMYK	0.00, 0.02, 0.55, 0.47
HSL	58°, 38%, 38%
HSV	58°, 55%, 53%
XYZ	18.7634, 21.6272, 7.4605
YIQ	123.8030, 24.5790, -21.4450

Conversions

Conversions Part 2

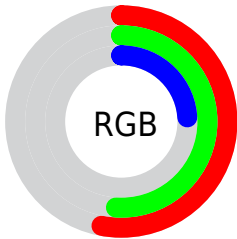
Format	Color
RYB	63, 134, 60
Decimal	8815420
CIELab	53.63, -8.99, 38.21
CIELCh	54, 39.254, 103.241
Yxy	21.6272, 0.3921, 0.4520
Android (android.graphics.Color)	4287005500 (0xFF86833C)
YUV	123.8030, -31.4549, 8.9428
Hunter-Lab	46.5051, -9.3644, 23.0420

Details

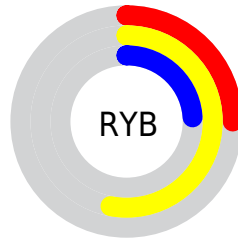
The XYZ color **18.7634, 21.6272, 7.4605** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **7.9440, 6.2367, 23.3392**, and the grayscale version is **19.1887, 20.1880, 21.9847**.

A 20% lighter version of the original color is **40.9412, 46.2256, 21.5164**, and **6.5518, 7.8503, 1.4571** is the 20% darker color. If you saturate the color by 10%, you get **18.3807, 21.3586, 5.8013**, and if you desaturate by 10%, it is **19.2373, 21.9344, 9.5933**.

Distribution



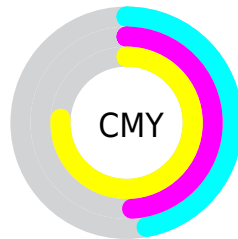
- Red (53%)
- Green (51%)
- Blue (24%)



- Red (25%)
- Yellow (53%)
- Blue (24%)



- Cyan (0%)
- Magenta (2%)
- Yellow (55%)
- Black (47%)



- Cyan (47%)
- Magenta (49%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7634, 21.6272, 7.4605 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 18.7634, 21.6272, 7.4605 by changing the saturation by 10% instead.

■ 18.7634, 21.6272,
7.4605

■ 18.7634, 21.6272,
7.4605

■ 238.1027,
260.5932, 181.2106

■ 11.6024, 13.5832,
3.6689

■ 40.8539, 46.1291,
21.4222

■ 6.5438, 7.8314,
1.4455

■ 56.5141, 63.3557,
32.4295

■ 3.2223, 3.9872,
0.1769

■ 75.7381, 84.4121,
46.6791

■ 1.2724, 1.6664,
0.0000

■ 98.8913, 109.6826,
64.5895

■ 0.1624, 0.4018,
0.0000

■ 126.3390,
139.5515, 86.5794

■ 0.0000, 0.0000,
0.0000

■ 158.4466,

174.4033, 113.0671

195.5794,
214.6224, 144.4714

■ 18.7634, 21.6272,
7.4605

■ 18.7634, 21.6272,
7.4605

■ 18.3807, 21.3586,
5.8013

■ 19.2373, 21.9344,
9.5933

■ 18.0806, 21.1230,
4.5779

■ 19.8070, 22.2798,
12.2309

■ 17.8559, 20.9180,
3.7491

■ 20.4786, 22.6666,
15.4036

■ 17.6949, 20.7392,
3.2543

■ 21.2574, 23.0968,
19.1388

■ 17.6258, 20.6570,
3.0582

■ 22.1482, 23.5725,
23.4619

■ 23.1556, 24.0954,
28.3970

■ 24.2839, 24.6673,
33.9667

■ 25.5371, 25.2897,
40.1925

■ 26.9192, 25.9644,
47.0948

Harmonies

Analogous

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



22.9705, 21.6272, 7.6324



18.7634, 21.6272, 7.4605



15.5108, 21.6272, 10.4109

Triad

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



18.7634, 21.6272, 7.4605



15.2224, 21.6272, 43.1824



29.2866, 21.6272, 30.8568

Complementary

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



18.7634, 21.6272, 7.4605



7.9440, 6.2367, 23.3392

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.



26.5914, 21.6272, 44.7023



18.7634, 21.6272, 7.4605



18.3169, 21.6272, 53.3143

Square

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



18.7634, 21.6272, 7.4605



13.6619, 21.6272, 29.2453



22.4593, 21.6272, 53.9497



29.4492, 21.6272, 18.6439

Rectangle

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



18.7634, 21.6272, 7.4605



14.1625, 21.6272, 14.6040



22.4593, 21.6272, 53.9497



28.6317, 21.6272, 35.5549

Sweetspot

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



18.7639, 21.6282, 7.4609



37.1421, 40.5249, 32.2188



12.3643, 8.6670, 5.8274



8.3155, 9.1012, 7.0074



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.



18.7639, 21.6282, 7.4609



32.2551, 37.5346, 9.6766



14.6740, 20.1258, 7.3865



5.0240, 5.3916, 5.0053



16.5201, 19.3627, 2.8667



0.0585, 0.0696, 0.0103

Inverse Universe

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



7.9440, 6.2367, 23.3392



11.1929, 7.5817, 40.6119



10.4637, 7.2960, 23.4108



4.4485, 4.5726, 5.8489



4.0898, 1.7273, 21.2545



0.0151, 0.0078, 0.0739

Previews

White Background



This preview shows how the XYZ color 18.7634, 21.6272, 7.4605 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 18.7634, 21.6272, 7.4605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

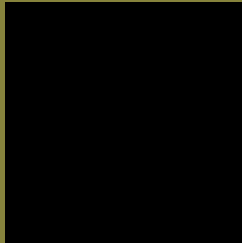
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.7634, 21.6272, 7.4605

Background



This preview shows how black text looks on a background with the XYZ color 18.7634, 21.6272, 7.4605.



This preview shows how white text looks on a background with the XYZ color 18.7634, 21.6272,

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

18.7634, 21.6272, 7.4605

Protanopia

19.6639, 21.5049, 7.2521

Deuteranopia

21.9296, 21.5360, 7.5585



Tritanopia

22.3011, 21.5221, 25.1691

Trichromacy



Original Color

18.7634, 21.6272, 7.4605

Protanomaly

19.2871, 21.5052, 7.2721

Deuteranomaly

20.5703, 21.3937, 7.4601

Tritanomaly

20.5436, 21.3656, 16.6769

Monochromacy



Original Color

18.7634, 21.6272, 7.4605

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.8404, 20.7075, 15.3159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7634, 21.6272, 7.4605 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(134, 131, 60)` looks like.

```
.text, #text, p{  
    color:rgb(134, 131, 60)  
}
```

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(134, 131, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 131, 60) }
```

Border

The CSS property to change the border of an element to XYZ 18.7634, 21.6272, 7.4605 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(134, 131, 60) }
```


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

```
.border{ border-color:rgb(134, 131, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 131, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 131, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 131, 60);  
box-shadow:4px 4px 4px 4px rgb(134, 131,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7634, 21.6272, 7.4605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 131, 60) }
```

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

```
.background{ background-color: rgb(134,  
131, 60) }
```

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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