

Converting Colors

XYZ(17.2254, 24.2709, 21.9602)

Have a look what the booklet for
XYZ(17.2254, 24.2709, 21.9602)
contains.

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Color

**XYZ(17.1830, 24.1800,
21.8507)**

Conversions

Conversions Part 1

Format	Color
Hex	4E9479
RGB	78, 148, 121
RGB Percent	31%, 58%, 47%
CMY	0.6941, 0.4196, 0.5255
CMYK	0.47, 0.00, 0.18, 0.42
HSL	157°, 31%, 44%
HSV	157°, 47%, 58%
XYZ	17.1830, 24.1800, 21.8507
YIQ	123.9920, -33.0530, -23.2370

Conversions

Conversions Part 2

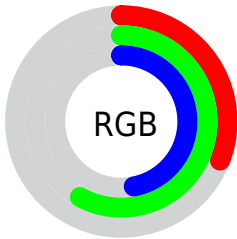
Format	Color
R_{YB}	78, 121, 148
Decimal	5149817
CIE _{Lab}	56.27, -28.78, 7.51
CIE _{LCh}	56, 29.741, 165.381
Yxy	24.1800, 0.2718, 0.3825
Android (android.graphics.Color)	4283339897 (0xFF4E9479)
YUV	123.9920, -1.4751, -40.3350
Hunter-Lab	49.1732, -23.6783, 8.0750

Details

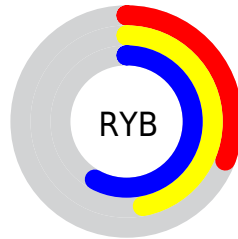
The XYZ color **17.1830, 24.1800, 21.8507** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.4878, 12.7652, 14.9079**, and the grayscale version is **19.1687, 20.1670, 21.9619**.

A 20% lighter version of the original color is **38.0234, 50.0835, 47.1982**, and **5.7753, 9.1878, 7.5999** is the 20% darker color. If you saturate the color by 10%, you get **15.7645, 23.4886, 20.0108**, and if you desaturate by 10%, it is **18.8965, 25.0223, 23.8136**.

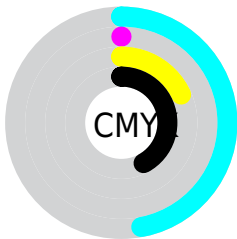
Distribution



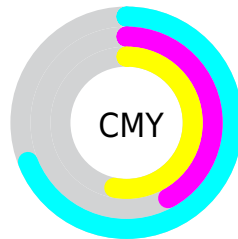
- Red (31%)
- Green (58%)
- Blue (47%)



- Red (31%)
- Yellow (47%)
- Blue (58%)



- Cyan (47%)
- Magenta (0%)
- Yellow (18%)
- Black (42%)



- Cyan (69%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1830, 24.1800, 21.8507 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 17.1830, 24.1800, 21.8507 by changing the saturation by 10% instead.

■ 17.1830, 24.1800,
21.8507

■ 17.1830, 24.1800,
21.8507

229.3605,
273.7292, 274.6936

■ 10.4612, 15.4672,
13.5500

■ 38.1812, 50.3238,
47.3981

■ 5.7704, 9.1479,
7.6732

■ 53.1884, 68.5235,
65.4819

■ 2.7453, 4.8378,
3.8018

■ 71.6880, 90.6544,
87.6638

■ 1.0205, 2.1524,
1.5172

■ 94.0454, 117.1008,
114.3623

■ 0.0000, 0.6939,
0.2307

■ 120.6260,
148.2471, 145.9960

■ 0.0000, 0.0000,
0.0000

151.7952,

184.4776, 182.9835

187.9182,
226.1769, 225.7431

■ 17.1830, 24.1800,
21.8507

■ 17.1830, 24.1800,
21.8507

■ 15.7645, 23.4886,
20.0108

■ 18.8965, 25.0223,
23.8136

■ 14.6201, 22.9356,
18.2896

■ 20.9201, 26.0214,
25.9005

■ 13.7293, 22.5109,
16.6847


■ 23.2703, 27.1864,
28.1144


■ 13.0675, 22.2021,
15.1929


■ 25.9618, 28.5249,
30.4578


■ 12.5922, 21.9872,
13.8104


■ 29.0084, 30.0438,
32.9330

 12.4749, 21.9345,
13.4542

 32.4231, 31.7500,
35.5422

 36.2182, 33.6496,
38.2877

 40.4055, 35.7487,
41.1715

 44.9961, 38.0531,
44.1957

Harmonies

Analogous

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



18.6079, 24.1800, 15.1821



17.1830, 24.1800, 21.8507



17.2017, 24.1800, 31.6517

Triad

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



17.1830, 24.1800, 21.8507



24.7730, 24.1800, 49.0096



27.9230, 24.1800, 15.0594

Complementary

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



17.1830, 24.1800, 21.8507



17.4878, 12.7652, 14.9079

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.



29.9316, 24.1800, 21.6373



17.1830, 24.1800, 21.8507



27.9937, 24.1800, 41.9138

Square

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



17.1830, 24.1800, 21.8507



21.3607, 24.1800, 49.1080



29.9587, 24.1800, 31.3784



24.6841, 24.1800, 11.9745

Rectangle

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



17.1830, 24.1800, 21.8507



18.0222, 24.1800, 38.8221



29.9587, 24.1800, 31.3784



28.7781, 24.1800, 16.8510

Sweetspot

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



17.1837, 24.1810, 21.8513



42.4259, 48.6469, 50.8278



17.9097, 24.7951, 11.0501



9.4787, 11.0026, 11.4192



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.1837, 24.1810, 21.8513



27.6266, 41.3516, 35.0432



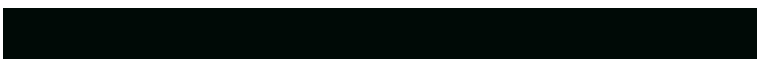
18.0129, 22.8086, 31.4712



5.8703, 6.5247, 6.9277



10.6687, 18.7403, 11.5630



0.1450, 0.2352, 0.2177

Inverse Universe

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



17.4878, 12.7652, 14.9079



28.2403, 18.6418, 21.2740



16.8371, 13.3436, 8.8963



5.8879, 5.8502, 6.5157



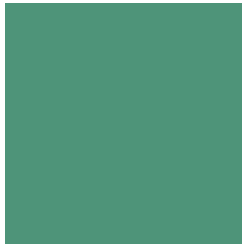
11.0769, 5.6358, 3.8861



0.1492, 0.0744, 0.1195

Previews

White Background



This preview shows how the XYZ color 17.1830, 24.1800, 21.8507 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 17.1830, 24.1800, 21.8507 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 17.1830, 24.1800, 21.8507

Background



This preview shows how black text looks on a background with the XYZ color 17.1830, 24.1800, 21.8507.



This preview shows how white text looks on a background with the XYZ color 17.1830, 24.1800,

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

17.1830, 24.1800, 21.8507

Protanopia

22.5469, 23.9278, 19.3498

Deuteranopia

24.4468, 24.0252, 22.7509



Tritanopia

19.6693, 24.0377, 34.6134

Trichromacy



Original Color

17.1830, 24.1800, 21.8507

Protanomaly

19.9147, 23.6011, 20.3355

Deuteranomaly

20.8959, 23.6316, 22.5288

Tritanomaly

18.7395, 24.1188, 29.6543

Monochromacy



Original Color

17.1830, 24.1800, 21.8507

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.0261, 21.3309, 21.9061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1830, 24.1800, 21.8507 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(78, 148, 121)` looks like.

```
.text, #text, p{  
    color:rgb(78, 148, 121)  
}
```

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(78, 148, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 148, 121) }
```

Border

The CSS property to change the border of an element to XYZ 17.1830, 24.1800, 21.8507 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(78, 148, 121) }
```


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

```
.border{ border-color:rgb(78, 148, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 148, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 148, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 148, 121);  
box-shadow:4px 4px 4px 4px rgb(78, 148,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1830, 24.1800, 21.8507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 148, 121) }
```

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

```
.background{ background-color: rgb(78, 148,  
121) }
```

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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