

Converting Colors

XYZ(21.4677, 24.9626, 14.7531)

Have a look what the booklet for
XYZ(21.4677, 24.9626, 14.7531)
contains.

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Color

**XYZ(21.4677, 24.9626,
14.7531)**

Conversions

Conversions Part 1

Format	Color
Hex	868D60
RGB	134, 141, 96
RGB Percent	53%, 55%, 38%
CMY	0.4745, 0.4470, 0.6235
CMYK	0.05, 0.00, 0.32, 0.45
HSL	69°, 19%, 46%
HSV	69°, 32%, 55%
XYZ	21.4677, 24.9626, 14.7531
YIQ	133.7770, 10.2730, -15.4790

Conversions

Conversions Part 2

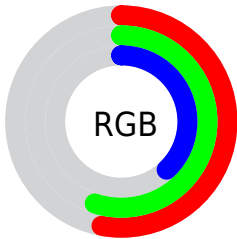
Format	Color
R_{YB}	96, 141, 103
Decimal	8818016
CIE _{Lab}	57.04, -10.32, 23.21
CIE _{LCh}	57, 25.398, 113.985
Yxy	24.9626, 0.3509, 0.4080
Android (android.graphics.Color)	4287008096 (0xFF868D60)
YUV	133.7770, -18.6241, 0.1956
Hunter-Lab	49.9626, -10.7374, 17.4665

Details

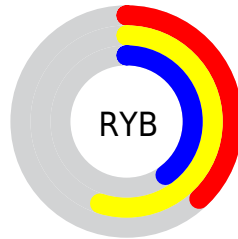
The XYZ color **21.4677, 24.9626, 14.7531** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.5850, 13.1730, 26.9746**, and the grayscale version is **22.6422, 23.8213, 25.9414**.

A 20% lighter version of the original color is **45.5206, 51.8282, 35.2084**, and **7.9516, 9.5887, 4.3374** is the 20% darker color. If you saturate the color by 10%, you get **20.5300, 24.5484, 11.6192**, and if you desaturate by 10%, it is **22.5304, 25.4294, 18.5018**.

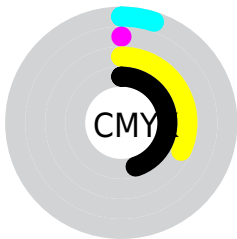
Distribution



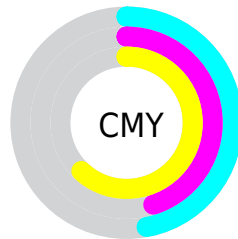
- Red (53%)
- Green (55%)
- Blue (38%)



- Red (38%)
- Yellow (55%)
- Blue (40%)



- Cyan (5%)
- Magenta (0%)
- Yellow (32%)
- Black (45%)



- Cyan (47%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4677, 24.9626, 14.7531 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 21.4677, 24.9626, 14.7531 by changing the saturation by 10% instead.

■ 21.4677, 24.9626,
14.7531

■ 21.4677, 24.9626,
14.7531

252.4387,
277.6516, 233.4560

■ 13.5807, 16.0492,
8.5016

■ 45.3501, 51.5965,
35.1556

■ 7.9094, 9.5590,
4.3252

■ 62.0761, 70.0859,
50.1437

■ 4.0883, 5.1075,
1.8054

■ 82.4793, 92.5360,
68.8811

■ 1.7522, 2.3105,
0.4315

■ 106.9249,
119.3312, 91.7863

■ 0.4886, 0.7793,
0.0000

135.7783,
150.8560, 119.2778

■ 0.0000, 0.0000,
0.0000

169.4048,

187.4947, 151.7742

208.1698,
229.6318, 189.6941

■ 21.4677, 24.9626,
14.7531

■ 21.4677, 24.9626,
14.7531

■ 20.5300, 24.5484,
11.6192

■ 22.5304, 25.4294,
18.5018

■ 19.7091, 24.1809,
9.0656

■ 23.7220, 25.9477,
22.8940

■ 18.9989, 23.8585,
7.0570

■ 25.0485, 26.5208,
27.9585

■ 18.3916, 23.5781,
5.5537

■ 26.5152, 27.1508,
33.7222

■ 17.8788, 23.3362,
4.5102

■ 28.1267, 27.8397,
40.2100

■ 17.4501, 23.1289,
3.8735

■ 29.8877, 28.5892,
47.4461

■ 17.1414, 22.9770,
3.5316

■ 31.8026, 29.4011,
55.4532

■ 33.8755, 30.2771,
64.2532

■ 36.1106, 31.2188,
73.8672

Harmonies

Analogous

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



24.3331, 24.9626, 13.8860



21.4677, 24.9626, 14.7531



19.3779, 24.9626, 18.6114

Triad

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



21.4677, 24.9626, 14.7531



20.5073, 24.9626, 42.7704



29.9074, 24.9626, 28.9402

Complementary

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



21.4677, 24.9626, 14.7531



14.5850, 13.1730, 26.9746

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.



28.6806, 24.9626, 38.0423



21.4677, 24.9626, 14.7531



23.1295, 24.9626, 47.0350

Square

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



21.4677, 24.9626, 14.7531



18.8569, 24.9626, 34.4281



26.1378, 24.9626, 45.1446



29.3690, 24.9626, 21.0281

Rectangle

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



21.4677, 24.9626, 14.7531



18.6237, 24.9626, 22.8905



26.1378, 24.9626, 45.1446



29.6848, 24.9626, 31.9745

Sweetspot

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



21.4683, 24.9637, 14.7536



42.8667, 46.6331, 42.4537



17.9221, 16.1588, 13.2410



9.5117, 10.3885, 9.2460



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.4683, 24.9637, 14.7536



37.2619, 44.1810, 22.4334



18.2874, 23.3239, 14.6048



5.7583, 6.2435, 5.7910



15.6396, 20.9551, 3.2204



0.1639, 0.2078, 0.0315

Inverse Universe

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



14.5850, 13.1730, 26.9746



23.0204, 19.7773, 47.7320



17.4854, 14.6682, 27.1104



5.2029, 5.2928, 6.7762



4.6937, 1.9133, 23.0990



0.0568, 0.0244, 0.2214

Previews

White Background



This preview shows how the XYZ color 21.4677, 24.9626, 14.7531 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 21.4677, 24.9626, 14.7531 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

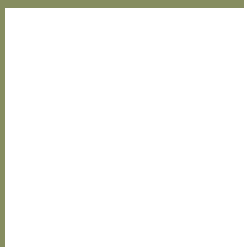
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4677, 24.9626, 14.7531

Background



This preview shows how black text looks on a background with the XYZ color 21.4677, 24.9626, 14.7531.



This preview shows how white text looks on a background with the XYZ color 21.4677, 24.9626,

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

21.4677, 24.9626, 14.7531

Protanopia

23.1788, 24.9954, 14.1926

Deuteranopia

25.2212, 24.7958, 15.0120



Tritanopia

24.5900, 24.9477, 30.3074

Trichromacy



Original Color

21.4677, 24.9626, 14.7531

Protanomaly

22.4817, 24.8428, 14.4367

Deuteranomaly

23.7705, 24.8664, 14.8561

Tritanomaly

23.2577, 24.8269, 23.6449

Monochromacy



Original Color

21.4677, 24.9626, 14.7531

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.1673, 24.3157, 21.2944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4677, 24.9626, 14.7531 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, 141, 96)` looks like.

```
.text, #text, p{  
    color:rgb(134, 141, 96)  
}
```

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, 141, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 141, 96) }
```

Border

The CSS property to change the border of an element to XYZ 21.4677, 24.9626, 14.7531 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, 141, 96) }
```


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

```
.border{ border-color:rgb(134, 141, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 141, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 141, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 141, 96);  
box-shadow:4px 4px 4px 4px rgb(134, 141,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4677, 24.9626, 14.7531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 141, 96) }
```

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

```
.background{ background-color: rgb(134,  
141, 96) }
```

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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