

Converting Colors

XYZ(21.5526, 24.7073, 18.3849)

Have a look what the booklet for
XYZ(21.5526, 24.7073, 18.3849)
contains.

XYZ(21.5526, 24.7073, 18.3849)	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(21.5526, 24.7073,
18.3849)**

Conversions

Conversions Part 1

Format	Color
Hex	838C6E
RGB	131, 140, 110
RGB Percent	51%, 55%, 43%
CMY	0.4863, 0.4510, 0.5686
CMYK	0.06, 0.00, 0.21, 0.45
HSL	78°, 12%, 49%
HSV	78°, 21%, 55%
XYZ	21.5526, 24.7073, 18.3849
YIQ	133.8890, 4.2660, -11.2380

Conversions

Conversions Part 2

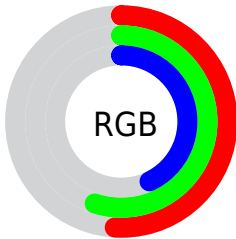
Format	Color
R_{YB}	110, 140, 119
Decimal	8621166
CIE Lab	56.79, -8.85, 14.96
CIE LCh	57, 17.376, 120.605
Yxy	24.7073, 0.3334, 0.3822
Android (android.graphics.Color)	4286811246 (0xFF838C6E)
YUV	133.8890, -11.7773, -2.5337
Hunter-Lab	49.7064, -9.5891, 12.8649

Details

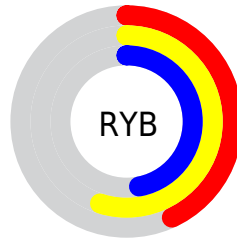
The XYZ color **21.5526, 24.7073, 18.3849** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.9184, 16.9680, 27.1432**, and the grayscale version is **22.6606, 23.8407, 25.9625**.

A 20% lighter version of the original color is **45.5805, 51.3826, 41.6979**, and **7.9190, 9.4095, 5.9563** is the 20% darker color. If you saturate the color by 10%, you get **20.2124, 24.0984, 14.6527**, and if you desaturate by 10%, it is **23.0410, 25.3802, 22.7538**.

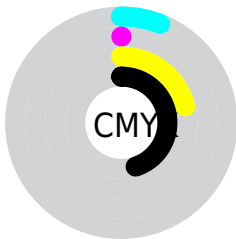
Distribution



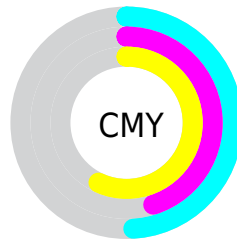
- Red (51%)
- Green (55%)
- Blue (43%)



- Red (43%)
- Yellow (55%)
- Blue (47%)



- Cyan (6%)
- Magenta (0%)
- Yellow (21%)
- Black (45%)



- Cyan (49%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5526, 24.7073, 18.3849 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 21.5526, 24.7073, 18.3849 by changing the saturation by 10% instead.

■ 21.5526, 24.7073,
18.3849

■ 21.5526, 24.7073,
18.3849

252.8774,
276.3771, 255.3402

■ 13.6433, 15.8591,
11.0544

■ 45.4898, 51.1820,
41.5149

■ 7.9530, 9.4245,
5.9888

■ 62.2484, 69.5773,
58.1514

■ 4.1165, 5.0191,
2.7696

■ 82.6875, 91.9237,
78.7270

■ 1.7682, 2.2585,
0.9782

■ 107.1724,
118.6057, 103.6602

■ 0.4984, 0.7516,
0.0000

136.0685,
150.0077, 133.3696

■ 0.0000, 0.0000,
0.0000

169.7411,

186.5139, 168.2737

208.5556,
228.5090, 208.7911

■ 21.5526, 24.7073,
18.3849

■ 21.5526, 24.7073,
18.3849

■ 20.2124, 24.0984,
14.6527

■ 23.0410, 25.3802,
22.7538

■ 19.0125, 23.5478,
11.5259

■ 24.6811, 26.1160,
27.7856

■ 17.9471, 23.0539,
8.9728

■ 26.4790, 26.9181,
33.5069

■ 17.0092, 22.6140,
6.9585

■ 28.4395, 27.7884,
39.9425

■ 16.1911, 22.2250,
5.4439

■ 30.5675, 28.7288,
47.1158

■ 15.4841, 21.8832,
4.3850

■ 32.8675, 29.7413,
55.0494

■ 14.8780, 21.5847,
3.7299

■ 35.3437, 30.8275,
63.7645

■ 14.4144, 21.3533,
3.3619

■ 38.0005, 31.9892,
73.2820

■ 40.8419, 33.2281,
83.6215

Harmonies

Analogous

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



23.4424, 24.7073, 17.2039



21.5526, 24.7073, 18.3849



20.2455, 24.7073, 21.7816

Triad

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



21.5526, 24.7073, 18.3849



21.6200, 24.7073, 37.8594



27.6051, 24.7073, 26.7843

Complementary

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



21.5526, 24.7073, 18.3849



17.9184, 16.9680, 27.1432

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.



27.0496, 24.7073, 32.7680



21.5526, 24.7073, 18.3849



23.5247, 24.7073, 39.6942

Square

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



21.5526, 24.7073, 18.3849



20.2828, 24.7073, 33.0015



25.5265, 24.7073, 37.7115



27.0044, 24.7073, 21.6047

Rectangle

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



21.5526, 24.7073, 18.3849



19.8406, 24.7073, 25.1188



25.5265, 24.7073, 37.7115



27.5471, 24.7073, 28.7678

Sweetspot

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



21.5532, 24.7084, 18.3854



42.1194, 45.4176, 44.6696



20.2275, 19.8957, 17.5264



9.6684, 10.4487, 10.1797



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.



21.5532, 24.7084, 18.3854



36.7557, 42.9958, 28.9076



19.3959, 23.5962, 18.2845



5.2874, 5.7709, 5.3876



12.8275, 18.9828, 2.9880



0.1000, 0.1337, 0.0205

Inverse Universe

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



17.9184, 16.9680, 27.1432



29.0990, 26.6877, 47.3605



20.1420, 18.1143, 27.2472



4.9066, 4.9603, 6.3047



5.0731, 2.1294, 22.1893



0.0471, 0.0211, 0.1480

Previews

White Background



This preview shows how the XYZ color 21.5526, 24.7073, 18.3849 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 21.5526, 24.7073, 18.3849 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

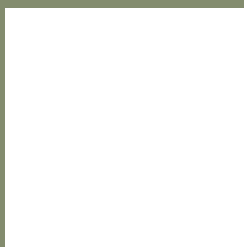
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5526, 24.7073, 18.3849

Background



This preview shows how black text looks on a background with the XYZ color 21.5526, 24.7073, 18.3849.



This preview shows how white text looks on a background with the XYZ color 21.5526, 24.7073,

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

21.5526, 24.7073, 18.3849

Protanopia

23.1880, 24.7108, 17.7349

Deuteranopia

25.1415, 24.6716, 18.7662



Tritanopia

24.0056, 24.6375, 30.6844

Trichromacy



Original Color

21.5526, 24.7073, 18.3849

Protanomaly

22.5212, 24.5709, 18.0237

Deuteranomaly

23.6071, 24.4938, 18.5225

Tritanomaly

23.0108, 24.6531, 25.7360

Monochromacy



Original Color

21.5526, 24.7073, 18.3849

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.1787, 24.0755, 22.8801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5526, 24.7073, 18.3849 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(131, 140, 110)` looks like.

```
.text, #text, p{  
    color:rgb(131, 140, 110)  
}
```

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(131, 140, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 140, 110) }
```

Border

The CSS property to change the border of an element to XYZ 21.5526, 24.7073, 18.3849 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(131, 140, 110) }
```


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

```
.border{ border-color:rgb(131, 140, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 140, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 140, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 140, 110);  
box-shadow:4px 4px 4px 4px rgb(131, 140,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5526, 24.7073, 18.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 140, 110) }
```

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

```
.background{ background-color: rgb(131,  
140, 110) }
```

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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