

Converting Colors

XYZ(26.3793, 30.1916, 21.9307)

Have a look what the booklet for
XYZ(26.3793, 30.1916, 21.9307)
contains.

XYZ(26.3981, 30.1341, 21.8779)	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(26.3981, 30.1341,
21.8779)**

Conversions

Conversions Part 1

Format	Color
Hex	919977
RGB	145, 153, 119
RGB Percent	57%, 60%, 47%
CMY	0.4314, 0.4000, 0.5333
CMYK	0.05, 0.00, 0.22, 0.40
HSL	74°, 14%, 53%
HSV	74°, 22%, 60%
XYZ	26.3981, 30.1341, 21.8779
YIQ	146.7320, 6.1460, -12.2700

Conversions

Conversions Part 2

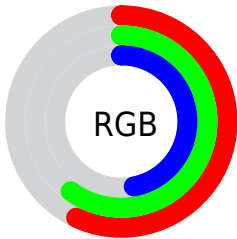
Format	Color
RYB	119, 153, 127
Decimal	9542007
CIELab	61.77, -8.99, 16.94
CIElCh	62, 19.182, 117.953
Yxy	30.1341, 0.3367, 0.3843
Android (android.graphics.Color)	4287732087 (0xFF919977)
YUV	146.7320, -13.6719, -1.5190
Hunter-Lab	54.8945, -10.2270, 14.7965

Details

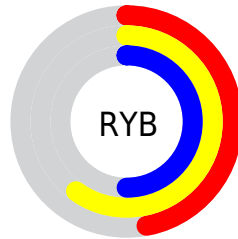
The XYZ color **26.3981, 30.1341, 21.8779** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.1001, 20.0064, 32.8881**, and the grayscale version is **27.6760, 29.1173, 31.7088**.

A 20% lighter version of the original color is **53.2167, 59.7080, 47.2481**, and **10.4730, 12.3246, 7.6213** is the 20% darker color. If you saturate the color by 10%, you get **24.9280, 29.4749, 17.3926**, and if you desaturate by 10%, it is **28.0379, 30.8655, 27.1446**.

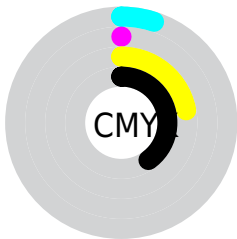
Distribution



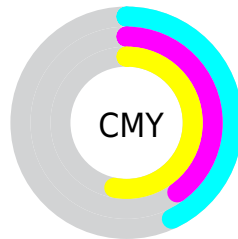
- Red (57%)
- Green (60%)
- Blue (47%)



- Red (47%)
- Yellow (60%)
- Blue (50%)



- Cyan (5%)
- Magenta (0%)
- Yellow (22%)
- Black (40%)



- Cyan (43%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3981, 30.1341, 21.8779 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 26.3981, 30.1341, 21.8779 by changing the saturation by 10% instead.

■ 26.3981, 30.1341,
21.8779

■ 26.3981, 30.1341,
21.8779

276.9519,
302.5290, 274.8406

■ 17.2559, 19.9404,
13.5698

■ 53.3432, 59.8742,
47.4437

■ 10.5136, 12.3517,
7.6867

■ 71.8769, 80.1894,
65.5384

■ 5.8056, 6.9837,
3.8103

■ 94.2718, 104.6471,
87.7325

■ 2.7668, 3.4519,
1.5218

120.8932,
133.6319, 114.4443

■ 1.0317, 1.3720,
0.2341

152.1066,
167.5281, 146.0925

■ 0.0000, 0.1959,
0.0000

188.2773,

■ 0.0000, 0.0000,

206.7201, 183.0956

0.0000

229.7706,
251.5923, 225.8721

■ 26.3981, 30.1341,
21.8779

■ 26.3981, 30.1341,
21.8779

■ 24.9280, 29.4749,
17.3926

■ 28.0379, 30.8655,
27.1446

■ 23.6179, 28.8810,
13.6496

■ 29.8518, 31.6679,
33.2256

■ 22.4608, 28.3506,
10.6092

■ 31.8469, 32.5451,
40.1541

■ 21.4481, 27.8802,
8.2273

■ 34.0293, 33.4997,
47.9610

■ 20.5704, 27.4661,
6.4550

■ 36.4047, 34.5338,
56.6755

■ 19.8168, 27.1038,
5.2361

■ 38.9787, 35.6498,
66.3257

■ 19.1746, 26.7882,
4.5046

■ 41.7563, 36.8497,
76.9382

■ 18.7269, 26.5650,
4.1406

■ 44.7427, 38.1356,
88.5388

■ 47.6671, 39.3991,
99.7002

Harmonies

Analogous

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



28.8176, 30.1341, 20.6545



26.3981, 30.1341, 21.8779



24.6729, 30.1341, 25.8918

Triad

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



26.3981, 30.1341, 21.8779



26.1110, 30.1341, 46.2522



33.8416, 30.1341, 33.3166

Complementary

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



26.3981, 30.1341, 21.8779



21.1001, 20.0064, 32.8881

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.



33.0145, 30.1341, 40.8643



26.3981, 30.1341, 21.8779



28.4663, 30.1341, 48.9911

Square

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



26.3981, 30.1341, 21.8779



24.5142, 30.1341, 39.8640



31.0087, 30.1341, 46.8876



33.2080, 30.1341, 26.6431

Rectangle

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



26.3981, 30.1341, 21.8779



24.0971, 30.1341, 29.9587



31.0087, 30.1341, 46.8876



33.7242, 30.1341, 35.8386

Sweetspot

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



26.3989, 30.1354, 21.8785



51.8220, 55.9879, 53.9617



24.0484, 23.2666, 20.6766



11.4058, 12.3463, 11.7916



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



26.3989, 30.1354, 21.8785



45.8395, 53.3230, 34.7441



23.6341, 28.7101, 21.7492



6.5667, 7.1496, 6.6398



15.5070, 21.9700, 3.4233



0.2628, 0.3444, 0.0526

Inverse Universe

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



21.1001, 20.0064, 32.8881



34.5212, 31.6825, 58.2678



23.8376, 21.4176, 33.0162



6.0138, 6.0930, 7.7881



5.3796, 2.2243, 25.0535



0.1086, 0.0478, 0.3759

Previews

White Background



This preview shows how the XYZ color 26.3981, 30.1341, 21.8779 looks on a white background.

Color Contrast Check

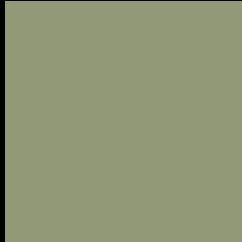
Large Text (above 18pt) WCAG AA × Fail

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 26.3981, 30.1341, 21.8779 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 ✓ Pass

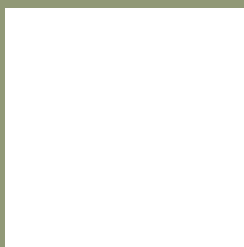
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3981, 30.1341, 21.8779

Background



This preview shows how black text looks on a background with the XYZ color 26.3981, 30.1341, 21.8779.



This preview shows how white text looks on a background with the XYZ color 26.3981, 30.1341,

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

26.3981, 30.1341, 21.8779

Protanopia

28.2564, 30.1502, 21.1599

Deuteranopia

30.5072, 29.9096, 22.2544



Tritanopia

29.6104, 30.2623, 37.0815

Trichromacy



Original Color

26.3981, 30.1341, 21.8779

Protanomaly

27.5028, 29.9907, 21.4788

Deuteranomaly

28.9281, 30.0100, 22.0371

Tritanomaly

28.3348, 30.2159, 30.7244

Monochromacy



Original Color

26.3981, 30.1341, 21.8779

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.1169, 29.4120, 27.9148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3981, 30.1341, 21.8779 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(145, 153, 119)` looks like.

```
.text, #text, p{  
    color:rgb(145, 153, 119)  
}
```

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(145, 153, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 153, 119) }
```

Border

The CSS property to change the border of an element to XYZ 26.3981, 30.1341, 21.8779 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(145, 153, 119) }
```


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

```
.border{ border-color:rgb(145, 153, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 153, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 153, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 153, 119); box-shadow:4px 4px 4px 4px rgb(145, 153, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3981, 30.1341, 21.8779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 153, 119) }
```

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

```
.background{ background-color: rgb(145,  
153, 119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor