

Converting Colors

XYZ(26.1221, 30.6522, 21.8049)

Have a look what the booklet for
XYZ(26.1221, 30.6522, 21.8049)
contains.

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Color

**XYZ(26.1430, 30.7477,
21.6966)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9C76
RGB	141, 156, 118
RGB Percent	55%, 61%, 46%
CMY	0.4471, 0.3882, 0.5372
CMYK	0.10, 0.00, 0.24, 0.39
HSL	84°, 16%, 54%
HSV	84°, 24%, 61%
XYZ	26.1430, 30.7477, 21.6966
YIQ	147.1830, 3.2580, -14.9980

Conversions

Conversions Part 2

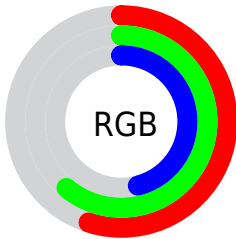
Format	Color
RYB	118, 156, 133
Decimal	9280630
CIELab	62.29, -12.31, 18.17
CIElCh	62, 21.947, 124.104
Yxy	30.7477, 0.3327, 0.3913
Android (android.graphics.Color)	4287470710 (0xFF8D9C76)
YUV	147.1830, -14.3872, -5.4225
Hunter-Lab	55.4506, -12.8821, 15.6166

Details

The XYZ color **26.1430, 30.7477, 21.6966** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.1534, 20.3446, 34.2135**, and the grayscale version is **27.8663, 29.3175, 31.9268**.

A 20% lighter version of the original color is **53.0556, 61.0929, 47.0260**, and **10.3422, 12.7065, 7.5377** is the 20% darker color. If you saturate the color by 10%, you get **24.2735, 29.8833, 17.1636**, and if you desaturate by 10%, it is **28.2257, 31.7062, 27.0412**.

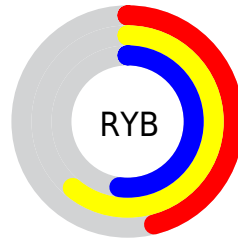
Distribution



Red (55%)

Green (61%)

Blue (46%)



Red (46%)

Yellow (61%)

Blue (52%)

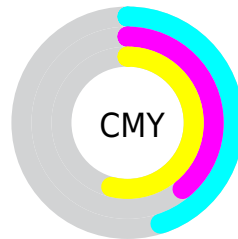


Cyan (10%)

Magenta (0%)

Yellow (24%)

Black (39%)



Cyan (45%)

Magenta (39%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1430, 30.7477, 21.6966 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 26.1430, 30.7477, 21.6966 by changing the saturation by 10% instead.

■ 26.1430, 30.7477,
21.6966

■ 26.1430, 30.7477,
21.6966

275.7272,
305.3743, 273.8594

■ 17.0639, 20.4068,
13.4380

■ 52.9352, 60.8426,
47.1398

■ 10.3756, 12.6911,
7.5966

■ 71.3790, 81.3655,
65.1614

■ 5.7129, 7.2162,
3.7538

■ 93.6751, 106.0510,
87.2744

■ 2.7103, 3.5977,
1.4913

120.1888,
135.2838, 113.8973

■ 1.0025, 1.4511,
0.2114

151.2856,
169.4481, 145.4488

■ 0.0000, 0.2540,
0.0000

187.3306,

■ 0.0000, 0.0000,

208.9284, 182.3472

0.0000

228.6894,
254.1090, 225.0112

■ 26.1430, 30.7477,
21.6966

■ 26.1430, 30.7477,
21.6966

■ 24.2735, 29.8833,
17.1636

■ 28.2257, 31.7062,
27.0412

■ 22.6063, 29.1054,
13.4006

■ 30.5272, 32.7580,
33.2325

■ 21.1332, 28.4116,
10.3652

■ 33.0557, 33.9076,
40.3058

■ 19.8441, 27.7979,
8.0099

■ 35.8183, 35.1578,
48.2940

■ 18.7280, 27.2596,
6.2820

■ 38.8218, 36.5115,
57.2280

■ 17.7724, 26.7917,
5.1207

■ 42.0727, 37.9714,
67.1375

■ 16.9621, 26.3879,
4.4520

■ 45.5770, 39.5400,
78.0508

■ 16.5477, 26.1798,
4.1811

■ 49.3408, 41.2199,
89.9952

■ 52.8167, 42.7921,
100.0837

Harmonies

Analogous

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



28.8186, 30.7477, 19.6901



26.1430, 30.7477, 21.6966



24.3898, 30.7477, 26.8418

Triad

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



26.1430, 30.7477, 21.6966



26.8047, 30.7477, 50.4218



35.2887, 30.7477, 32.3239

Complementary

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



26.1430, 30.7477, 21.6966



22.1534, 20.3446, 34.2135

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.



34.6599, 30.7477, 41.1290



26.1430, 30.7477, 21.6966



29.6347, 30.7477, 52.5504

Square

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



26.1430, 30.7477, 21.6966



24.7533, 30.7477, 43.4947



32.5397, 30.7477, 48.9018



34.2047, 30.7477, 25.1325

Rectangle

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



26.1430, 30.7477, 21.6966



23.9122, 30.7477, 31.8295



32.5397, 30.7477, 48.9018



35.2711, 30.7477, 35.1846

Sweetspot

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



26.1438, 30.7490, 21.6973



54.2408, 58.9462, 57.0739



25.3098, 25.0337, 20.6380



11.8860, 12.9482, 12.4249



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.1438, 30.7490, 21.6973



45.6639, 55.0058, 34.9339



23.2470, 29.2557, 21.5617



6.9164, 7.5896, 7.0861



13.6692, 21.5834, 3.4456



0.2910, 0.4099, 0.0638

Inverse Universe

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



22.1534, 20.3446, 34.2135



37.1904, 32.9080, 61.5185



25.3483, 21.9917, 34.3630



6.5201, 6.5566, 8.3286



6.5949, 2.8288, 26.1057



0.1640, 0.0743, 0.4689

Previews

White Background



This preview shows how the XYZ color 26.1430, 30.7477, 21.6966 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 26.1430, 30.7477, 21.6966 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 26.1430, 30.7477, 21.6966

Background



This preview shows how black text looks on a background with the XYZ color 26.1430, 30.7477, 21.6966.



This preview shows how white text looks on a background with the XYZ color 26.1430, 30.7477,

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

26.1430, 30.7477, 21.6966

Protanopia

28.6988, 30.6276, 20.6188

Deuteranopia

31.0426, 30.4165, 22.0042



Tritanopia

29.4606, 30.6244, 38.5408

Trichromacy



Original Color

26.1430, 30.7477, 21.6966

Protanomaly

27.7070, 30.5875, 20.9666

Deuteranomaly

29.0239, 30.2982, 21.7712

Tritanomaly

28.0936, 30.5515, 31.6105

Monochromacy



Original Color

26.1430, 30.7477, 21.6966

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.0273, 29.6100, 27.5834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1430, 30.7477, 21.6966 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(141, 156, 118)` looks like.

```
.text, #text, p{  
    color:rgb(141, 156, 118)  
}
```

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(141, 156, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 156, 118) }
```

Border

The CSS property to change the border of an element to XYZ 26.1430, 30.7477, 21.6966 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(141, 156, 118) }
```


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

```
.border{ border-color:rgb(141, 156, 118) }
```

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

Here you see how a box with a 4 pixel rgb(141, 156, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 156, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 156, 118);  
box-shadow:4px 4px 4px 4px rgb(141, 156,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1430, 30.7477, 21.6966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 156, 118) }
```

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

```
.background{ background-color: rgb(141,  
156, 118) }
```

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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