

Converting Colors

XYZ(30.0039, 35.1041, 26.6675)

Have a look what the booklet for
XYZ(30.0039, 35.1041, 26.6675)
contains.

XYZ(30.1274, 35.3007, 26.6986)	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(30.1274, 35.3007,
26.6986)**

Conversions

Conversions Part 1

Format	Color
Hex	95A683
RGB	149, 166, 131
RGB Percent	58%, 65%, 51%
CMY	0.4157, 0.3490, 0.4863
CMYK	0.10, 0.00, 0.21, 0.35
HSL	89°, 16%, 58%
HSV	89°, 21%, 65%
XYZ	30.1274, 35.3007, 26.6986
YIQ	156.9270, 1.1030, -14.4890

Conversions

Conversions Part 2

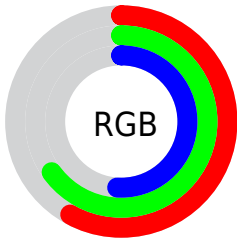
Format	Color
RYB	131, 166, 148
Decimal	9807491
CIELab	65.98, -12.46, 16.17
CIElCh	66, 20.410, 127.616
Yxy	35.3007, 0.3270, 0.3832
Android (android.graphics.Color)	4287997571 (0xFF95A683)
YUV	156.9270, -12.7820, -6.9520
Hunter-Lab	59.4144, -13.4628, 14.9474

Details

The XYZ color **30.1274, 35.3007, 26.6986** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.2134, 25.2827, 39.5240**, and the grayscale version is **32.0711, 33.7413, 36.7443**.

A 20% lighter version of the original color is **59.1368, 67.8701, 55.3308**, and **12.5395, 15.2254, 10.0625** is the 20% darker color. If you saturate the color by 10%, you get **27.6708, 34.1551, 21.1738**, and if you desaturate by 10%, it is **32.8680, 36.5740, 33.1792**.

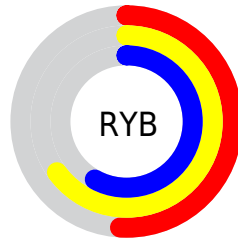
Distribution



Red (58%)

Green (65%)

Blue (51%)



Red (51%)

Yellow (65%)

Blue (58%)

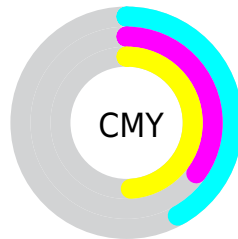


Cyan (10%)

Magenta (0%)

Yellow (21%)

Black (35%)



Cyan (42%)

Magenta (35%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1274, 35.3007, 26.6986 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 30.1274, 35.3007, 26.6986 by changing the saturation by 10% instead.

■ 30.1274, 35.3007,
26.6986

■ 30.1274, 35.3007,
26.6986

294.3970,
325.8936, 299.9087

■ 20.0839, 23.8946,
17.1166

■ 59.2488, 67.9513,
55.3977

■ 12.5646, 15.2555,
10.1548

■ 79.0575, 89.9647,
75.3518

■ 7.2044, 8.9989,
5.3948

■ 102.8518,
116.2825, 99.6004

■ 3.6377, 4.7404,
2.4179

130.9972,
147.2893, 128.5619

■ 1.4993, 2.0958,
0.7962

163.8591,
183.3694, 162.6550

■ 0.3253, 0.6623,
0.0000

201.8028,

■ 0.0000, 0.0000,

224.9072, 202.2981

0.0000

245.1937,
272.2872, 247.9098

■ 30.1274, 35.3007,
26.6986

■ 30.1274, 35.3007,
26.6986

■ 27.6708, 34.1551,
21.1738

■ 32.8680, 36.5740,
33.1792

■ 25.4849, 33.1281,
16.5572

■ 35.8999, 37.9747,
40.6556

■ 23.5592, 32.2165,
12.8008

■ 39.2334, 39.5082,
49.1680

■ 21.8814, 31.4151,
9.8509

■ 42.8776, 41.1784,
58.7542

■ 20.4379, 30.7183,
7.6483

■ 46.8409, 42.9890,
69.4496

■ 19.2135, 30.1195,
6.1251

■ 51.1317, 44.9434,
81.2883

■ 18.1908, 29.6117,
5.2013

■ 55.7579, 47.0450,
94.3029

■ 17.4163, 29.2222,
4.7225

■ 59.2766, 48.7168,
100.8868

■ 61.6817, 49.9568,
100.9994

Harmonies

Analogous

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



32.7876, 35.3007, 24.1825



30.1274, 35.3007, 26.6986



28.4586, 35.3007, 32.4381

Triad

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



30.1274, 35.3007, 26.6986



31.3866, 35.3007, 55.9790



39.6509, 35.3007, 36.2718

Complementary

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



30.1274, 35.3007, 26.6986



27.2134, 25.2827, 39.5240

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.



39.2201, 35.3007, 45.1321



30.1274, 35.3007, 26.6986



34.3287, 35.3007, 57.4143

Square

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



30.1274, 35.3007, 26.6986



29.1546, 35.3007, 49.5210



37.2273, 35.3007, 53.1914



38.3713, 35.3007, 29.1432

Rectangle

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



30.1274, 35.3007, 26.6986



28.0723, 35.3007, 37.7480



37.2273, 35.3007, 53.1914



39.7026, 35.3007, 39.1333

Sweetspot

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



30.1283, 35.3022, 26.6994



62.3186, 67.6095, 66.7319



30.4008, 30.9007, 25.8354



13.8698, 15.0946, 14.7463



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.1283, 35.3022, 26.6994



52.6622, 63.1278, 43.8545



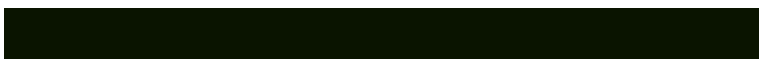
27.1847, 33.7847, 26.5616



7.7908, 8.5903, 8.0367



13.5590, 22.6872, 3.6644



0.3886, 0.5823, 0.0919

Inverse Universe

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



27.2134, 25.2827, 39.5240



46.4694, 41.8402, 71.1020



30.6045, 27.0308, 39.6827



7.4657, 7.4727, 9.4672



7.9984, 3.5068, 28.2308



0.2539, 0.1159, 0.6896

Previews

White Background



This preview shows how the XYZ color 30.1274, 35.3007, 26.6986 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 30.1274, 35.3007, 26.6986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

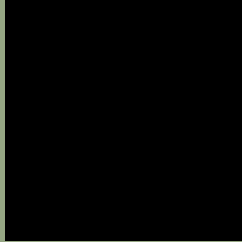
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.1274, 35.3007, 26.6986

Background



This preview shows how black text looks on a background with the XYZ color 30.1274, 35.3007, 26.6986.



This preview shows how white text looks on a background with the XYZ color 30.1274, 35.3007,

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

30.1274, 35.3007, 26.6986

Protanopia

33.0447, 35.2462, 25.4836

Deuteranopia

35.7968, 35.1189, 27.0822



Tritanopia

33.6312, 35.1273, 44.5429

Trichromacy



Original Color

30.1274, 35.3007, 26.6986

Protanomaly

31.7831, 35.1070, 25.8701

Deuteranomaly

33.4050, 34.8903, 26.8037

Tritanomaly

32.2288, 35.0816, 37.4205

Monochromacy



Original Color

30.1274, 35.3007, 26.6986

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.2425, 34.1498, 32.9619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1274, 35.3007, 26.6986 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(149, 166, 131)` looks like.

```
.text, #text, p{  
    color:rgb(149, 166, 131)  
}
```

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(149, 166, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 166, 131) }
```

Border

The CSS property to change the border of an element to XYZ 30.1274, 35.3007, 26.6986 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(149, 166, 131) }
```


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

```
.border{ border-color:rgb(149, 166, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 166, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 166, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 166, 131);  
box-shadow:4px 4px 4px 4px rgb(149, 166,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1274, 35.3007, 26.6986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 166, 131) }
```

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

```
.background{ background-color: rgb(149,  
166, 131) }
```

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