

Converting Colors

XYZ(31.0738, 44.6722, 26.7260)

Have a look what the booklet for
XYZ(31.0738, 44.6722, 26.7260)
contains.

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Color

**XYZ(31.0267, 44.5296,
26.6985)**

Conversions

Conversions Part 1

Format	Color
Hex	78C37E
RGB	120, 195, 126
RGB Percent	47%, 76%, 49%
CMY	0.5294, 0.2353, 0.5059
CMYK	0.38, 0.00, 0.35, 0.24
HSL	125°, 38%, 62%
HSV	125°, 38%, 76%
XYZ	31.0267, 44.5296, 26.6985
YIQ	164.7090, -22.5510, -37.3590

Conversions

Conversions Part 2

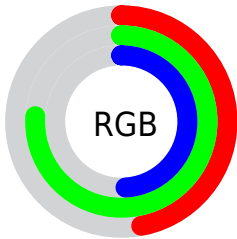
Format	Color
RYB	120, 189, 195
Decimal	7914366
CIELab	72.58, -37.54, 27.54
CIELCh	73, 46.563, 143.733
Yxy	44.5296, 0.3034, 0.4355
Android (android.graphics.Color)	4286104446 (0xFF78C37E)
YUV	164.7090, -19.0835, -39.2098
Hunter-Lab	66.7305, -33.7839, 22.9898

Details

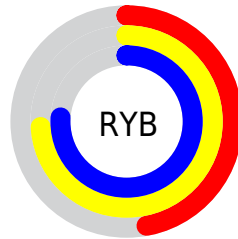
The XYZ color **31.0267, 44.5296, 26.6985** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **38.4088, 28.7100, 51.6627**, and the grayscale version is **35.7219, 37.5822, 40.9270**.

A 20% lighter version of the original color is **60.6263, 81.9894, 55.2780**, and **13.0761, 20.7298, 10.1495** is the 20% darker color. If you saturate the color by 10%, you get **27.5371, 42.8539, 21.0250**, and if you desaturate by 10%, it is **35.2769, 46.5760, 33.4932**.

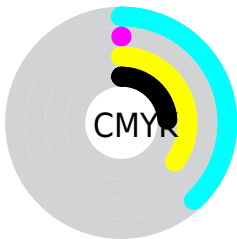
Distribution



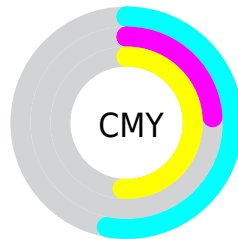
- Red (47%)
- Green (76%)
- Blue (49%)



- Red (47%)
- Yellow (74%)
- Blue (76%)



- Cyan (38%)
- Magenta (0%)
- Yellow (35%)
- Black (24%)



- Cyan (53%)
- Magenta (24%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0267, 44.5296, 26.6985 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 31.0267, 44.5296, 26.6985 by changing the saturation by 10% instead.

■ 31.0267, 44.5296,
26.6985

■ 31.0267, 44.5296,
26.6985

298.4860,
364.8651, 299.9082

■ 20.7711, 31.0871,
17.1165

■ 60.6577, 82.0141,
55.3975

■ 13.0683, 20.6652,
10.1547

■ 80.7637, 106.8248,
75.3516

■ 7.5529, 12.8795,
5.3947

■ 104.8840,
136.1937, 99.6001

■ 3.8596, 7.3456,
2.4179

133.3839,
170.5053, 128.5616

■ 1.6230, 3.6792,
0.7962

166.6286,
210.1437, 162.6546

■ 0.4073, 1.4958,
0.0000

204.9837,

■ 0.0000, 0.2857,

255.4936, 202.2977

0.0000

248.8143,
306.9393, 247.9094

■ 0.0000, 0.0000,
0.0000

■ 31.0267, 44.5296,
26.6985

■ 31.0267, 44.5296,
26.6985

■ 27.5371, 42.8539,
21.0250

■ 35.2769, 46.5760,
33.4932

■ 24.7600, 41.5215,
16.4096

■ 40.3255, 49.0075,
41.4616

■ 22.6470, 40.5102,
12.7877


■ 46.2116, 51.8444,
50.6566


■ 21.1423, 39.7928,
10.0864


■ 52.9709, 55.1043,
61.1268


■ 20.1810, 39.3375,
8.2226


■ 60.6371, 58.8033,
72.9185

 19.6657, 39.0961,
7.0977

 69.2420, 62.9570,
86.0754

 19.6066, 39.0682,
6.9823

 78.2606, 67.2938,
100.6133

 78.8060, 67.5119,
103.4853

Harmonies

Analogous

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



36.3929, 44.5296, 18.1650



31.0267, 44.5296, 26.6985



28.7225, 44.5296, 43.8032

Triad

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



31.0267, 44.5296, 26.6985



40.6560, 44.5296, 107.2758



58.1406, 44.5296, 32.7375

Complementary

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



31.0267, 44.5296, 26.6985



38.4088, 28.7100, 51.6627

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.



59.6574, 44.5296, 53.4894



31.0267, 44.5296, 26.6985



48.8670, 44.5296, 101.4663

Square

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



31.0267, 44.5296, 26.6985



33.8090, 44.5296, 93.7497



56.0765, 44.5296, 79.7345



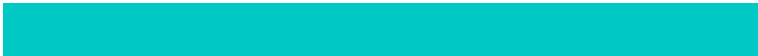
52.1608, 44.5296, 20.7990

Rectangle

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



31.0267, 44.5296, 26.6985



28.9937, 44.5296, 59.7929



56.0765, 44.5296, 79.7345



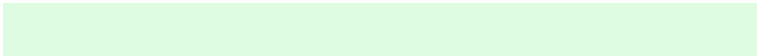
59.2184, 44.5296, 38.7013

Sweetspot

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



31.0278, 44.5315, 26.6995



78.6573, 90.8714, 84.3284



44.1423, 51.3356, 25.3518



16.9146, 19.7502, 17.9822



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



31.0278, 44.5315, 26.6995



50.3162, 77.2285, 39.2920



33.8282, 45.6516, 41.4458



9.9764, 11.2716, 10.8792



12.7555, 25.3963, 4.6056



0.5626, 1.1019, 0.2592

Inverse Universe

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



38.4088, 28.7100, 51.6627



65.3593, 44.9596, 90.1525



34.9320, 27.3192, 33.3539



10.4614, 10.2332, 12.5203



19.9566, 9.6724, 28.7474



0.8728, 0.4221, 1.2973

Previews

White Background



This preview shows how the XYZ color 31.0267, 44.5296, 26.6985 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 31.0267, 44.5296, 26.6985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

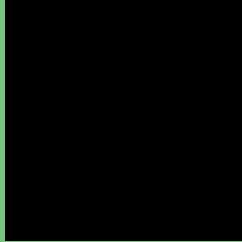
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.0267, 44.5296, 26.6985

Background



This preview shows how black text looks on a background with the XYZ color 31.0267, 44.5296, 26.6985.



This preview shows how white text looks on a background with the XYZ color 31.0267, 44.5296,

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

31.0267, 44.5296, 26.6985

Protanopia

40.7901, 43.9827, 23.7924

Deuteranopia

44.8341, 43.9707, 27.9540



Tritanopia

38.0932, 44.4858, 61.8372

Trichromacy



Original Color

31.0267, 44.5296, 26.6985



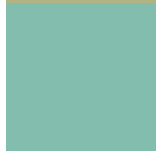
Protanomaly

36.3792, 43.7931, 24.9479



Deuteranomaly

38.2808, 43.1990, 27.4397



Tritanomaly

35.0435, 44.1970, 46.7283

Monochromacy



Original Color

31.0267, 44.5296, 26.6985



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

33.5057, 39.6746, 35.1702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0267, 44.5296, 26.6985 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(120, 195, 126)` looks like.

```
.text, #text, p{  
    color:rgb(120, 195, 126)  
}
```

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(120, 195, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 195, 126) }
```

Border

The CSS property to change the border of an element to XYZ 31.0267, 44.5296, 26.6985 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(120, 195, 126) }
```


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

```
.border{ border-color:rgb(120, 195, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 195, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 195, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 195, 126);  
box-shadow:4px 4px 4px 4px rgb(120, 195,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0267, 44.5296, 26.6985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 195, 126) }
```

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

```
.background{ background-color: rgb(120,  
195, 126) }
```

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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