

Converting Colors

XYZ(32.9014, 47.7121, 26.1774)

Have a look what the booklet for
XYZ(32.9014, 47.7121, 26.1774)
contains.

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Color

**XYZ(32.7740, 47.4884,
26.1777)**

Conversions

Conversions Part 1

Format	Color
Hex	7CC97B
RGB	124, 201, 123
RGB Percent	49%, 79%, 48%
CMY	0.5137, 0.2117, 0.5176
CMYK	0.38, 0.00, 0.39, 0.21
HSL	119°, 42%, 64%
HSV	119°, 39%, 79%
XYZ	32.7740, 47.4884, 26.1777
YIQ	169.0850, -20.8540, -40.5820

Conversions

Conversions Part 2

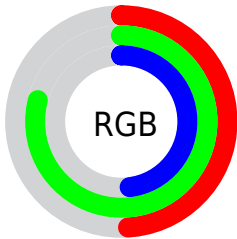
Format	Color
RYB	123, 201, 200
Decimal	8178043
CIELab	74.50, -39.47, 31.67
CIELCh	75, 50.610, 141.255
Yxy	47.4884, 0.3079, 0.4462
Android (android.graphics.Color)	4286368123 (0xFF7CC97B)
YUV	169.0850, -22.7199, -39.5395
Hunter-Lab	68.9118, -35.7023, 25.7156

Details

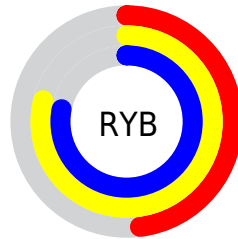
The XYZ color **32.7740, 47.4884, 26.1777** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **41.4470, 30.6637, 58.9949**, and the grayscale version is **37.8715, 39.8437, 43.3898**.

A 20% lighter version of the original color is **62.1869, 84.2383, 54.0563**, and **14.0073, 22.3409, 9.8773** is the 20% darker color. If you saturate the color by 10%, you get **29.0581, 45.7049, 20.0966**, and if you desaturate by 10%, it is **37.3277, 49.6767, 33.6486**.

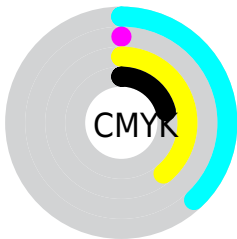
Distribution



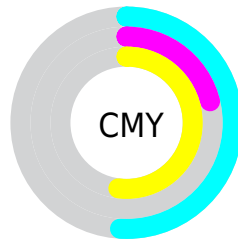
- Red (49%)
- Green (79%)
- Blue (48%)



- Red (48%)
- Yellow (79%)
- Blue (78%)



- Cyan (38%)
- Magenta (0%)
- Yellow (39%)
- Black (21%)



- Cyan (51%)
- Magenta (21%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7740, 47.4884, 26.1777 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 32.7740, 47.4884, 26.1777 by changing the saturation by 10% instead.

■ 32.7740, 47.4884,
26.1777

■ 32.7740, 47.4884,
26.1777

306.3132,
376.7607, 297.2865

■ 22.1118, 33.4219,
16.7297

■ 63.3796, 86.4422,
54.5491

■ 14.0561, 22.4499,
9.8820

■ 84.0536, 112.0983,
74.3095

■ 8.2417, 14.1878,
5.2162

■ 108.7957,
142.3864, 98.3445

■ 4.3031, 8.2514,
2.3137

137.9711,
177.6909, 127.0726

■ 1.8750, 4.2562,
0.7389

171.9451,
218.3962, 160.9122

■ 0.5622, 1.8179,
0.0000

211.0833,

■ 0.0000, 0.4983,

264.8866, 200.2821

0.0000

255.7508,
317.5467, 245.6007

■ 0.0000, 0.0000,
0.0000

■ 32.7740, 47.4884,
26.1777

■ 32.7740, 47.4884,
26.1777

■ 29.0581, 45.7049,
20.0966

■ 37.3277, 49.6767,
33.6486

■ 26.1257, 44.2960,
15.3165

■ 42.7620, 52.2860,
42.5842

■ 23.9216, 43.2365,
11.7436


■ 49.1212, 55.3391,
53.0580


■ 22.3823, 42.4961,
9.2702


■ 56.4456, 58.8551,
65.1377


■ 21.4329, 42.0390,
7.7693

■ 64.7730, 62.8524,
78.8868

 20.9626, 41.8123,
7.0347

 74.1392, 67.3479,
94.3654

 20.9198, 41.7917,
6.9640

 80.1776, 70.2551,
103.9425

Harmonies

Analogous

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



39.0623, 47.4884, 17.5622



32.7740, 47.4884, 26.1777



29.9039, 47.4884, 44.4287

Triad

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



32.7740, 47.4884, 26.1777



42.5178, 47.4884, 119.0809



63.5687, 47.4884, 35.5275

Complementary

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



32.7740, 47.4884, 26.1777



41.4470, 30.6637, 58.9949

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.



64.8218, 47.4884, 59.7393



32.7740, 47.4884, 26.1777



51.8094, 47.4884, 114.2002

Square

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



32.7740, 47.4884, 26.1777



35.0100, 47.4884, 101.7127



60.2716, 47.4884, 90.0199



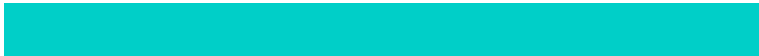
57.0481, 47.4884, 21.5552

Rectangle

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



32.7740, 47.4884, 26.1777



30.0057, 47.4884, 62.1620



60.2716, 47.4884, 90.0199



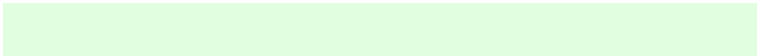
64.6518, 47.4884, 42.4950

Sweetspot

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



32.7752, 47.4904, 26.1788



80.2554, 92.8977, 84.5069



48.2495, 55.0197, 26.8165



16.8649, 19.7336, 17.5722



0.0000, 0.0000, 0.0000



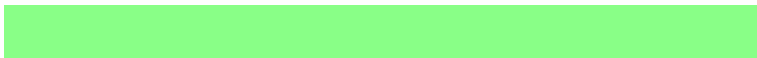
20.3446, 21.4041, 23.3091

Same Dimension

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



32.7752, 47.4904, 26.1788



50.4087, 78.5653, 35.4849



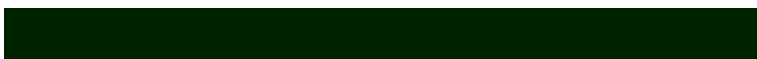
35.4631, 48.5490, 41.0829



10.5098, 11.8942, 11.3047



13.1589, 26.2790, 4.3788



0.6276, 1.2466, 0.2075

Inverse Universe

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



41.4470, 30.6637, 58.9949



67.4125, 45.5599, 99.8486



37.8097, 29.2397, 38.4439



11.0692, 10.8094, 13.4205



21.3489, 10.2400, 35.5957



1.0153, 0.4871, 1.6857

Previews

White Background



This preview shows how the XYZ color 32.7740, 47.4884, 26.1777 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 32.7740, 47.4884, 26.1777 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 32.7740, 47.4884, 26.1777

Background



This preview shows how black text looks on a background with the XYZ color 32.7740, 47.4884, 26.1777.



This preview shows how white text looks on a background with the XYZ color 32.7740, 47.4884,

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

32.7740, 47.4884, 26.1777

Protanopia

43.4335, 46.8590, 23.2785

Deuteranopia

47.9077, 46.9966, 27.3151



Tritanopia

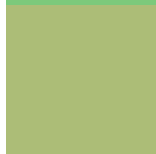
40.5866, 47.2933, 65.3819

Trichromacy



Original Color

32.7740, 47.4884, 26.1777



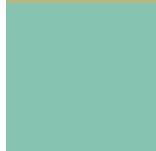
Protanomaly

38.5406, 46.4978, 24.3964



Deuteranomaly

40.4997, 45.8806, 26.7999



Tritanomaly

37.1831, 47.2331, 48.2314

Monochromacy



Original Color

32.7740, 47.4884, 26.1777



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

35.3282, 42.0871, 35.9674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7740, 47.4884, 26.1777 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(124, 201, 123)` looks like.

```
.text, #text, p{  
    color:rgb(124, 201, 123)  
}
```

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(124, 201, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 201, 123) }
```

Border

The CSS property to change the border of an element to XYZ 32.7740, 47.4884, 26.1777 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(124, 201, 123) }
```


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

```
.border{ border-color:rgb(124, 201, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 201, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 201, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 201, 123);  
box-shadow:4px 4px 4px 4px rgb(124, 201,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7740, 47.4884, 26.1777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 201, 123) }
```

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

```
.background{ background-color: rgb(124,  
201, 123) }
```

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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