

Converting Colors

XYZ(32.7916, 47.4223, 26.4953)

Have a look what the booklet for
XYZ(32.7916, 47.4223, 26.4953)
contains.

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Color

**XYZ(32.8369, 47.5136,
26.5091)**

Conversions

Conversions Part 1

Format	Color
Hex	7CC97C
RGB	124, 201, 124
RGB Percent	49%, 79%, 49%
CMY	0.5137, 0.2117, 0.5137
CMYK	0.38, 0.00, 0.38, 0.21
HSL	120°, 42%, 64%
HSV	120°, 38%, 79%
XYZ	32.8369, 47.5136, 26.5091
YIQ	169.1990, -21.1750, -40.2710

Conversions

Conversions Part 2

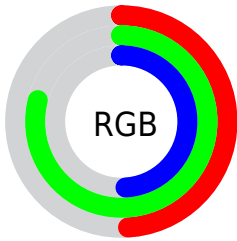
Format	Color
RYB	124, 201, 201
Decimal	8178044
CIELab	74.52, -39.32, 31.18
CIELCh	75, 50.181, 141.585
Yxy	47.5136, 0.3073, 0.4446
Android (android.graphics.Color)	4286368124 (0xFF7CC97C)
YUV	169.1990, -22.2831, -39.6395
Hunter-Lab	68.9301, -35.5939, 25.4494

Details

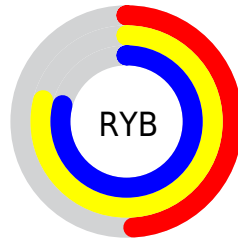
The XYZ color **32.8369, 47.5136, 26.5091** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **41.8392, 31.0508, 59.0483**, and the grayscale version is **37.9260, 39.9011, 43.4523**.

A 20% lighter version of the original color is **62.2862, 84.2780, 54.5794**, and **14.0407, 22.3543, 10.0533** is the 20% darker color. If you saturate the color by 10%, you get **29.0787, 45.7098, 20.3609**, and if you desaturate by 10%, it is **37.4487, 49.7303, 34.0517**.

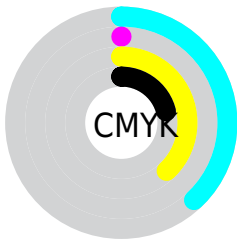
Distribution



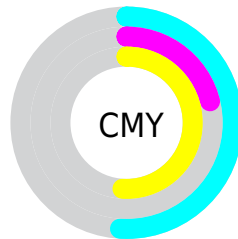
- Red (49%)
- Green (79%)
- Blue (49%)



- Red (49%)
- Yellow (79%)
- Blue (79%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8369, 47.5136, 26.5091 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 32.8369, 47.5136, 26.5091 by changing the saturation by 10% instead.


 32.8369, 47.5136,
26.5091


 32.8369, 47.5136,
26.5091


306.5922,
376.8609, 298.9570

 22.1602, 33.4419,
16.9757


 63.4772, 86.4798,
55.0892

 14.0919, 22.4652,
10.0554


 84.1715, 112.1430,
74.9731

 8.2667, 14.1991,
5.3296

 108.9356,
142.4388, 99.1442

 4.3193, 8.2593,
2.3798

138.1350,
177.7516, 128.0210

 1.8843, 4.2613,
0.7754

172.1350,
218.4659, 162.0222

 0.5677, 1.8208,
0.0000

211.3010,

 0.0000, 0.5001,

264.9659, 201.5662

0.0000

255.9982,
317.6361, 247.0716

■ 0.0000, 0.0000,
0.0000

■ 32.8369, 47.5136,
26.5091

■ 32.8369, 47.5136,
26.5091

■ 29.0787, 45.7098,
20.3609

■ 37.4487, 49.7303,
34.0517

■ 26.1183, 44.2878,
15.5187

■ 42.9582, 52.3768,
43.0634

■ 23.8994, 43.2219,
11.8892


■ 49.4106, 55.4762,
53.6175


■ 22.3563, 42.4807,
9.3651


■ 56.8473, 59.0484,
65.7814


■ 21.4122, 42.0272,
7.8207

■ 65.3070, 63.1120,
79.6186

 20.9488, 41.8045,
7.0627

 74.8263, 67.6847,
95.1891

 20.8876, 41.7752,
6.9626

 80.1776, 70.2552,
103.9425

Harmonies

Analogous

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



39.0484, 47.5136, 17.8219



32.8369, 47.5136, 26.5091



30.0230, 47.5136, 44.7698

Triad

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



32.8369, 47.5136, 26.5091



42.6581, 47.5136, 118.4677



63.3782, 47.5136, 35.4614

Complementary

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



32.8369, 47.5136, 26.5091



41.8392, 31.0508, 59.0483

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.



64.6837, 47.5136, 59.3859



32.8369, 47.5136, 26.5091



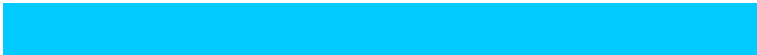
51.8787, 47.5136, 113.3951

Square

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



32.8369, 47.5136, 26.5091



35.1755, 47.5136, 101.5137



60.2354, 47.5136, 89.3491



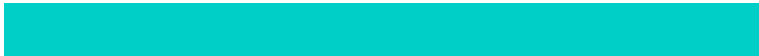
56.8754, 47.5136, 21.6568

Rectangle

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



32.8369, 47.5136, 26.5091



30.1508, 47.5136, 62.4174



60.2354, 47.5136, 89.3491



64.4712, 47.5136, 42.3454

Sweetspot

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



32.8381, 47.5156, 26.5102



81.2811, 93.3861, 86.3786



48.6142, 55.6485, 27.2480



17.0654, 19.8289, 17.9453



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.



32.8381, 47.5156, 26.5102



50.7575, 78.7241, 36.4518



35.7662, 48.6869, 41.9295



10.4975, 11.8879, 11.3041



13.1327, 26.2655, 4.3777



0.6218, 1.2437, 0.2073

Inverse Universe

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



41.8392, 31.0508, 59.0483



68.3352, 46.5709, 99.9935



37.8626, 29.4601, 38.1078



11.0831, 10.8166, 13.4211



21.7738, 10.4591, 35.6143



1.0310, 0.4952, 1.6863

Previews

White Background



This preview shows how the XYZ color 32.8369, 47.5136, 26.5091 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 32.8369, 47.5136, 26.5091 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 32.8369, 47.5136, 26.5091

Background



This preview shows how black text looks on a background with the XYZ color 32.8369, 47.5136, 26.5091.



This preview shows how white text looks on a background with the XYZ color 32.8369, 47.5136,

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

32.8369, 47.5136, 26.5091

Protanopia

43.4920, 46.8824, 23.5865

Deuteranopia

47.9745, 47.0234, 27.6670



Tritanopia

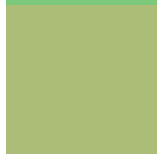
40.5866, 47.2933, 65.3819

Trichromacy



Original Color

32.8369, 47.5136, 26.5091



Protanomaly

38.6010, 46.5219, 24.7144



Deuteranomaly

40.5652, 45.9068, 27.1450



Tritanomaly

37.1831, 47.2331, 48.2314

Monochromacy



Original Color

32.8369, 47.5136, 26.5091



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

35.4105, 42.1200, 36.4006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8369, 47.5136, 26.5091 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, 124)` looks like.

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

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, 124) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 32.8369, 47.5136, 26.5091 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, 124) }
```


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

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

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, 124)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 32.8369, 47.5136, 26.5091 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, 124) }
```

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

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

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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