

Converting Colors

XYZ(32.4805, 46.9942, 26.8012)

Have a look what the booklet for
XYZ(32.4805, 46.9942, 26.8012)
contains.

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Color

**XYZ(32.5243, 47.0002,
26.7598)**

Conversions

Conversions Part 1

Format	Color
Hex	7BC87D
RGB	123, 200, 125
RGB Percent	48%, 78%, 49%
CMY	0.5176, 0.2157, 0.5098
CMYK	0.39, 0.00, 0.38, 0.22
HSL	122°, 41%, 63%
HSV	122°, 39%, 78%
XYZ	32.5243, 47.0002, 26.7598
YIQ	168.4270, -21.8170, -39.6490

Conversions

Conversions Part 2

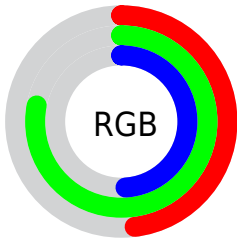
Format	Color
RYB	123, 198, 200
Decimal	8112253
CIELab	74.19, -39.02, 30.22
CIELCh	74, 49.359, 142.244
Yxy	47.0002, 0.3060, 0.4422
Android (android.graphics.Color)	4286302333 (0xFF7BC87D)
YUV	168.4270, -21.4095, -39.8395
Hunter-Lab	68.5567, -35.2912, 24.8470

Details

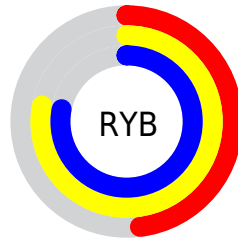
The XYZ color **32.5243, 47.0002, 26.7598** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **41.0969, 30.5233, 57.1531**, and the grayscale version is **37.5401, 39.4951, 43.0102**.

A 20% lighter version of the original color is **62.1560, 84.1993, 55.0956**, and **13.8496, 22.0240, 10.1777** is the 20% darker color. If you saturate the color by 10%, you get **28.8255, 45.2247, 20.7156**, and if you desaturate by 10%, it is **37.0541, 49.1786, 34.1189**.

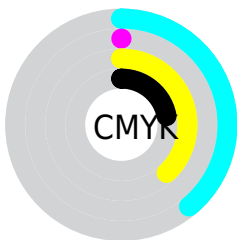
Distribution



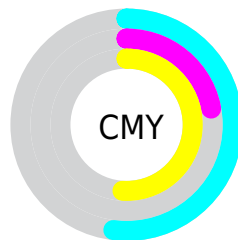
- Red (48%)
- Green (78%)
- Blue (49%)



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



- Cyan (39%)
- Magenta (0%)
- Yellow (38%)
- Black (22%)





- Cyan (52%)
- Magenta (22%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5243, 47.0002, 26.7598 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 32.5243, 47.0002, 26.7598 by changing the saturation by 10% instead.


 32.5243, 47.0002,
26.7598


 32.5243, 47.0002,
26.7598


305.2038,
374.8153, 300.2155

 21.9198, 33.0358,
17.1621

 62.9918, 85.7139,
55.4972

 13.9142, 22.1539,
10.1869


 83.5855, 111.2320,
75.4740

 8.1423, 13.9700,
5.4159


 108.2395,
141.3702, 99.7475

 4.2387, 8.0998,
2.4303

137.3194,
176.5128, 128.7364

 1.8381, 4.1589,
0.8029

171.1904,
217.0442, 162.8590

 0.5404, 1.7628,
0.0000

210.2179,

 0.0000, 0.4638,

263.3488, 202.5341

0.0000

254.7672,
315.8111, 248.1801

■ 0.0000, 0.0000,
0.0000

■ 32.5243, 47.0002,
26.7598

■ 32.5243, 47.0002,
26.7598

■ 28.8255, 45.2247,
20.7156

■ 37.0541, 49.1786,
34.1189

■ 25.9039, 43.8220,
15.9060

■ 42.4573, 51.7761,
42.8606

■ 23.7051, 42.7672,
12.2469


■ 48.7776, 54.8154,
53.0518


■ 22.1662, 42.0299,
9.6421


■ 56.0549, 58.3155,
64.7542


■ 21.2134, 41.5745,
7.9803

■ 64.3266, 62.2945,
78.0256

 20.7372, 41.3476,
7.1211

 73.6282, 66.7696,
92.9212

 20.6837, 41.3219,
7.0351

 79.9452, 69.7905,
103.8651

Harmonies

Analogous

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



38.5355, 47.0002, 18.0235



32.5243, 47.0002, 26.7598



29.8441, 47.0002, 44.8760

Triad

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



32.5243, 47.0002, 26.7598



42.4149, 47.0002, 116.2416



62.3455, 47.0002, 34.8554

Complementary

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



32.5243, 47.0002, 26.7598



41.0969, 30.5233, 57.1531

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.



63.7428, 47.0002, 58.0379



32.5243, 47.0002, 26.7598



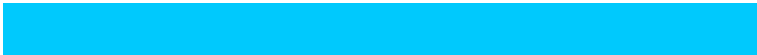
51.4282, 47.0002, 110.8315

Square

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



32.5243, 47.0002, 26.7598



35.0423, 47.0002, 100.1828



59.5213, 47.0002, 87.1898



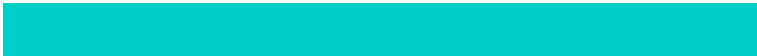
55.9223, 47.0002, 21.5065

Rectangle

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



32.5243, 47.0002, 26.7598



30.0213, 47.0002, 62.2214



59.5213, 47.0002, 87.1898



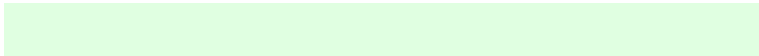
63.4500, 47.0002, 41.5205

Sweetspot

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



32.5255, 47.0022, 26.7608



80.2419, 92.8782, 85.0721



47.7096, 54.8445, 26.8105



16.8617, 19.7291, 17.7038



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.



32.5255, 47.0022, 26.7608



50.9807, 78.8134, 37.6271



35.4153, 48.1581, 41.9786



10.5085, 11.8923, 11.3618



13.1560, 26.2748, 4.5000



0.6269, 1.2457, 0.2341

Inverse Universe

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



41.0969, 30.5233, 57.1531



67.8484, 46.3761, 97.4300



37.2679, 28.9917, 36.9899



11.0707, 10.8117, 13.3558



21.3996, 10.3094, 33.6436



1.0171, 0.4897, 1.6133

Previews

White Background



This preview shows how the XYZ color 32.5243, 47.0002, 26.7598 looks on a white background.

Color Contrast Check

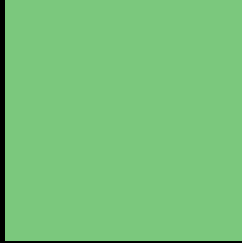
Large Text (above 18pt) WCAG AA × Fail

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 32.5243, 47.0002, 26.7598 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 32.5243, 47.0002, 26.7598

Background



This preview shows how black text looks on a background with the XYZ color 32.5243, 47.0002, 26.7598.



This preview shows how white text looks on a background with the XYZ color 32.5243, 47.0002,

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

32.5243, 47.0002, 26.7598

Protanopia

42.8198, 46.2261, 23.8052

Deuteranopia

47.2571, 46.3579, 27.9300



Tritanopia

40.2015, 46.7721, 65.3016

Trichromacy



Original Color

32.5243, 47.0002, 26.7598



Protanomaly

38.0120, 45.8930, 24.9439



Deuteranomaly

40.1873, 45.3970, 27.4133



Tritanomaly

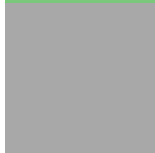
36.9005, 46.7444, 48.6727

Monochromacy



Original Color

32.5243, 47.0002, 26.7598



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

34.9376, 41.5849, 35.8910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5243, 47.0002, 26.7598 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(123, 200, 125)` looks like.

```
.text, #text, p{  
    color:rgb(123, 200, 125)  
}
```

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(123, 200, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 200, 125) }
```

Border

The CSS property to change the border of an element to XYZ 32.5243, 47.0002, 26.7598 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(123, 200, 125) }
```


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

```
.border{ border-color:rgb(123, 200, 125) }
```

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

Here you see how a box with a 4 pixel rgb(123, 200, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 200, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 200, 125);  
box-shadow:4px 4px 4px 4px rgb(123, 200,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5243, 47.0002, 26.7598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 200, 125) }
```

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

```
.background{ background-color: rgb(123,  
200, 125) }
```

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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