

Converting Colors

XYZ(32.7402, 51.6955, 14.3856)

Have a look what the booklet for
XYZ(32.7402, 51.6955, 14.3856)
contains.

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Color

**XYZ(32.7392, 51.6924,
14.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	7AD448
RGB	122, 212, 72
RGB Percent	48%, 83%, 28%
CMY	0.5216, 0.1686, 0.7176
CMYK	0.42, 0.00, 0.66, 0.17
HSL	99°, 62%, 56%
HSV	99°, 66%, 83%
XYZ	32.7392, 51.6924, 14.3830
YIQ	169.1300, -8.7000, -62.6200

Conversions

Conversions Part 2

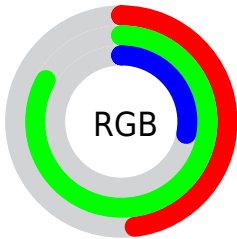
Format	Color
RYB	72, 212, 162
Decimal	8049736
CIELab	77.10, -50.78, 58.65
CIELCh	77, 77.585, 130.887
Yxy	51.6924, 0.3313, 0.5231
Android (android.graphics.Color)	4286239816 (0xFF7AD448)
YUV	169.1300, -47.8851, -41.3330
Hunter-Lab	71.8974, -44.5388, 38.4673

Details

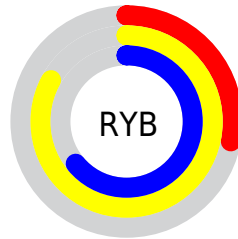
The XYZ color **32.7392, 51.6924, 14.3830** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **29.1040, 17.0713, 64.0513**, and the grayscale version is **38.0105, 39.9900, 43.5491**.

A 20% lighter version of the original color is **58.4132, 82.7556, 32.9734**, and **14.1233, 25.1773, 4.2015** is the 20% darker color. If you saturate the color by 10%, you get **30.3673, 50.5378, 11.2636**, and if you desaturate by 10%, it is **35.6227, 53.0863, 18.7728**.

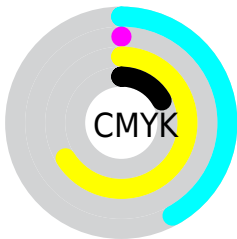
Distribution



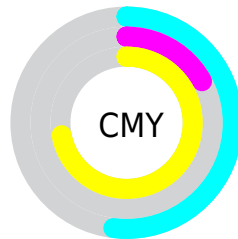
- Red (48%)
- Green (83%)
- Blue (28%)



- Red (28%)
- Yellow (83%)
- Blue (64%)



- Cyan (42%)
- Magenta (0%)
- Yellow (66%)
- Black (17%)



- Cyan (52%)
- Magenta (17%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7392, 51.6924, 14.3830 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 32.7392, 51.6924, 14.3830 by changing the saturation by 10% instead.

■ 32.7392, 51.6924,
14.3830

■ 32.7392, 51.6924,
14.3830

306.1587,
393.2479, 231.1113

■ 22.0850, 36.7599,
8.2457

■ 63.3255, 92.6774,
34.4939

■ 14.0363, 25.0217,
4.1626

■ 83.9884, 119.4988,
49.3047

■ 8.2278, 16.0932,
1.7149

■ 108.7182,
151.0520, 67.8437

■ 4.2941, 9.5901,
0.3709

■ 137.8803,
187.7213, 90.5295

■ 1.8698, 5.1281,
0.0000

■ 171.8401,
229.8911, 117.7806

■ 0.5592, 2.3226,
0.0000

210.9628,

■ 0.0000, 0.7856,

277.9459, 150.0156

0.0000

255.6139,
332.2701, 187.6530

■ 0.0000, 0.0000,
0.0000

■ 32.7392, 51.6924,
14.3830

■ 32.7392, 51.6924,
14.3830

■ 30.3673, 50.5378,
11.2636

■ 35.6227, 53.0863,
18.7728

■ 28.4663, 49.5999,
9.2753

■ 39.0467, 54.7272,
24.5463


■ 26.9935, 48.8618,
8.2499


■ 43.0420, 56.6303,
31.8081


■ 26.5020, 48.6137,
7.9866


■ 47.6357, 58.8074,
40.6520

■ 52.8532, 61.2699,
51.1636

 58.7182, 64.0282,
63.4229

 65.2532, 67.0922,
77.5044

 72.4794, 70.4713,
93.4783

 79.1342, 73.6615,
104.6550

Harmonies

Analogous

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



43.9436, 51.6924, 8.1604



32.7392, 51.6924, 14.3830



26.8246, 51.6924, 33.5671

Triad

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



32.7392, 51.6924, 14.3830



40.3793, 51.6924, 173.9842



82.7668, 51.6924, 42.2332

Complementary

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



32.7392, 51.6924, 14.3830



29.1040, 17.0713, 64.0513

Split Complementary

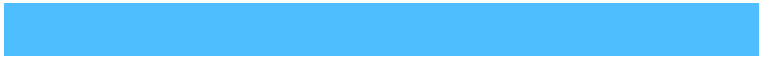
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2780, 51.6924, 87.4601



32.7392, 51.6924, 14.3830



54.7137, 51.6924, 180.4933

Square

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



32.7392, 51.6924, 14.3830



30.5832, 51.6924, 128.3938



70.2466, 51.6924, 143.2794



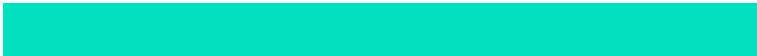
73.9791, 51.6924, 17.9806

Rectangle

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



32.7392, 51.6924, 14.3830



25.7910, 51.6924, 57.5576



70.2466, 51.6924, 143.2794



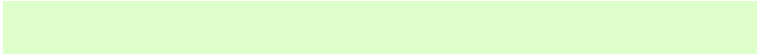
83.4903, 51.6924, 55.0298

Sweetspot

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



32.7404, 51.6946, 14.3841



76.8484, 91.4428, 70.7266



41.0099, 39.8405, 11.6602



15.9705, 19.3468, 14.1774



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.



32.7404, 51.6946, 14.3841



44.9445, 76.1791, 15.7701



28.0916, 49.2167, 17.8425



12.6768, 14.1096, 13.2160



16.4598, 30.0617, 4.9350



1.0816, 1.8590, 0.3018

Inverse Universe

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



29.1040, 17.0713, 64.0513



38.8911, 19.8913, 96.3974



39.1336, 22.4984, 52.9298



12.5028, 12.4006, 15.6721



13.7466, 6.2392, 38.9329



0.9178, 0.4220, 2.3524

Previews

White Background



This preview shows how the XYZ color 32.7392, 51.6924, 14.3830 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 32.7392, 51.6924, 14.3830 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 32.7392, 51.6924, 14.3830

Background



This preview shows how black text looks on a background with the XYZ color 32.7392, 51.6924, 14.3830.



This preview shows how white text looks on a background with the XYZ color 32.7392, 51.6924,

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

32.7392, 51.6924, 14.3830

Protanopia

46.5482, 51.2173, 12.5868

Deuteranopia

52.1052, 50.9139, 15.0638



Tritanopia

44.0087, 51.2629, 71.1936

Trichromacy



Original Color

32.7392, 51.6924, 14.3830



Protanomaly

39.8279, 50.3892, 13.0958



Deuteranomaly

42.4729, 49.7187, 14.5658



Tritanomaly

38.1941, 50.6389, 41.9437

Monochromacy



Original Color

32.7392, 51.6924, 14.3830



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

34.6009, 43.0946, 29.0487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7392, 51.6924, 14.3830 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(122, 212, 72)` looks like.

```
.text, #text, p{  
    color:rgb(122, 212, 72)  
}
```

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(122, 212, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 212, 72) }
```

Border

The CSS property to change the border of an element to XYZ 32.7392, 51.6924, 14.3830 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(122, 212, 72) }
```


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

```
.border{ border-color:rgb(122, 212, 72) }
```

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

Here you see how a box with a 4 pixel rgb(122, 212, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 212, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 212, 72);  
box-shadow:4px 4px 4px 4px rgb(122, 212,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7392, 51.6924, 14.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 212, 72) }
```

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

```
.background{ background-color: rgb(122,  
212, 72) }
```

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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