

Converting Colors

XYZ(28.2591, 51.4429, 24.1048)

Have a look what the booklet for
XYZ(28.2591, 51.4429, 24.1048)
contains.

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Color

**XYZ(28.2490, 51.4366,
24.0622)**

Conversions

Conversions Part 1

Format	Color
Hex	0FDA71
RGB	15, 218, 113
RGB Percent	6%, 85%, 44%
CMY	0.9412, 0.1451, 0.5569
CMYK	0.93, 0.00, 0.48, 0.15
HSL	149°, 87%, 46%
HSV	149°, 93%, 85%
XYZ	28.2490, 51.4366, 24.0622
YIQ	145.3330, -87.2830, -75.6910

Conversions

Conversions Part 2

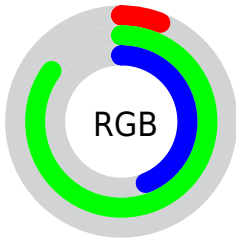
Format	Color
RYB	15, 152, 218
Decimal	1038961
CIELab	76.94, -66.94, 39.33
CIELCh	77, 77.638, 149.565
Yxy	51.4366, 0.2723, 0.4958
Android (android.graphics.Color)	4279229041 (0xFF0FDA71)
YUV	145.3330, -15.9402, -114.3020
Hunter-Lab	71.7193, -55.2007, 30.3114

Details

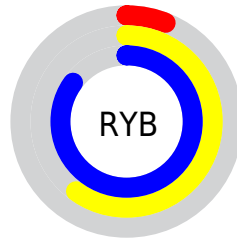
The XYZ color **28.2490, 51.4366, 24.0622** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **32.4761, 16.6041, 19.2649**, and the grayscale version is **27.1391, 28.5524, 31.0936**.

A 20% lighter version of the original color is **48.8273, 77.4613, 48.4545**, and **13.6144, 25.8375, 8.8270** is the 20% darker color. If you saturate the color by 10%, you get **27.6346, 51.1696, 21.8498**, and if you desaturate by 10%, it is **29.4842, 51.9968, 27.6439**.

Distribution



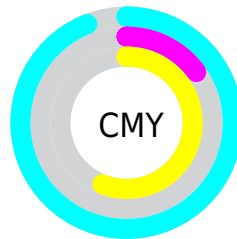
- Red (6%)
- Green (85%)
- Blue (44%)



- Red (6%)
- Yellow (60%)
- Blue (85%)



- Cyan (93%)
- Magenta (0%)
- Yellow (48%)
- Black (15%)



- Cyan (94%)
- Magenta (15%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2490, 51.4366, 24.0622 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 28.2490, 51.4366, 24.0622 by changing the saturation by 10% instead.

■ 28.2490, 51.4366,
24.0622

■ 28.2490, 51.4366,
24.0622

285.7134,
392.2577, 286.4315

■ 18.6549, 36.5562,
15.1671

■ 56.2876, 92.2998,
51.0768

■ 11.5237, 24.8641,
8.7888

■ 75.4628, 119.0514,
70.0334

■ 6.4901, 15.9758,
4.5088

■ 98.5623, 150.5289,
93.1809

■ 3.1888, 9.5070,
1.9084

■ 125.9516,
187.1166, 120.9379

■ 1.2544, 5.0734,
0.4981

■ 157.9960,
229.1989, 153.7230

■ 0.1487, 2.2904,
0.0000

195.0609,

■ 0.0000, 0.7686,

277.1603, 191.9545

0.0000

237.5115,
331.3851, 236.0512

■ 0.0000, 0.0000,
0.0000

■ 28.2490, 51.4366,
24.0622

■ 28.2490, 51.4366,
24.0622

■ 27.6346, 51.1696,
21.8498

■ 29.4842, 51.9968,
27.6439

■ 31.2652, 52.8276,
31.6762

■ 33.6684, 53.9693,
36.1772

■ 36.7563, 55.4540,
41.1630

■ 40.5834, 57.3095,
46.6485

■ 45.1982, 59.5605,
52.6479

■ 50.6452, 62.2297,
59.1749

■ 56.9653, 65.3380,
66.2424

■ 64.1968, 68.9048,
73.8631

Harmonies

Analogous

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



36.1630, 51.4366, 10.8479



28.2490, 51.4366, 24.0622



25.6185, 51.4366, 55.3893

Triad

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



28.2490, 51.4366, 24.0622



48.6732, 51.4366, 183.2114



78.0132, 51.4366, 24.6775

Complementary

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



28.2490, 51.4366, 24.0622



32.4761, 16.6041, 19.2649

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.



83.1755, 51.4366, 56.6267



28.2490, 51.4366, 24.0622



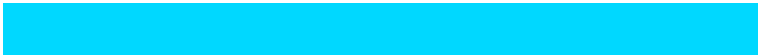
64.2969, 51.4366, 160.8388

Square

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



28.2490, 51.4366, 24.0622



35.8578, 51.4366, 159.5920



77.7186, 51.4366, 108.1901



64.7471, 51.4366, 11.0563

Rectangle

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



28.2490, 51.4366, 24.0622



26.6995, 51.4366, 87.9266



77.7186, 51.4366, 108.1901



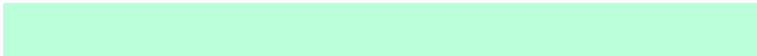
80.8598, 51.4366, 32.9299

Sweetspot

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



28.2503, 51.4387, 24.0634



68.0953, 86.7265, 79.5274



33.3660, 54.4103, 9.1958



13.8775, 18.2215, 16.1711



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.



28.2503, 51.4387, 24.0634



39.3415, 72.9526, 30.7797



37.0571, 54.9614, 70.4395



13.1471, 14.7105, 15.2374



16.6092, 30.6763, 13.3735



1.1194, 2.0047, 1.0950

Inverse Universe

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



32.4761, 16.6041, 19.2649



45.3980, 22.9232, 23.8256



29.2281, 15.3049, 2.1613



13.3358, 13.1634, 15.0298



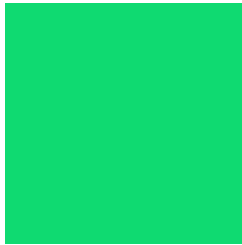
19.1545, 9.6629, 10.4597



1.2844, 0.6434, 0.9066

Previews

White Background



This preview shows how the XYZ color 28.2490, 51.4366, 24.0622 looks on a white background.

Color Contrast Check

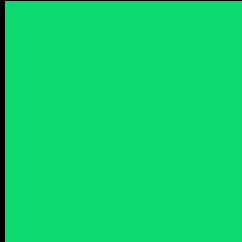
Large Text (above 18pt) WCAG AA × Fail

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 28.2490, 51.4366, 24.0622 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

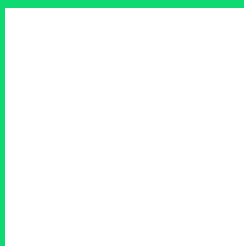
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2490, 51.4366, 24.0622

Background



This preview shows how black text looks on a background with the XYZ color 28.2490, 51.4366, 24.0622.

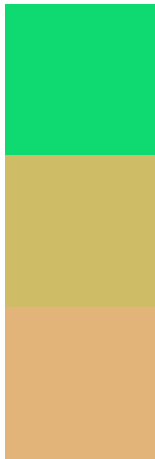


This preview shows how white text looks on a background with the XYZ color 28.2490, 51.4366,

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

28.2490, 51.4366, 24.0622

Protanopia

46.1136, 50.1911, 19.8278

Deuteranopia

51.1981, 50.2164, 25.4067



Tritanopia

38.9123, 51.3014, 76.9585

Trichromacy



Original Color

28.2490, 51.4366, 24.0622



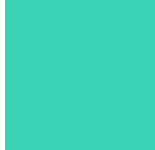
Protanomaly

33.3415, 47.2058, 20.9900



Deuteranomaly

35.0160, 46.3050, 24.5450



Tritanomaly

33.2937, 50.4004, 52.2295

Monochromacy



Original Color

28.2490, 51.4366, 24.0622



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

24.0232, 33.7952, 27.4473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2490, 51.4366, 24.0622 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(15, 218, 113)` looks like.

```
.text, #text, p{  
    color:rgb(15, 218, 113)  
}
```

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(15, 218, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 218, 113) }
```

Border

The CSS property to change the border of an element to XYZ 28.2490, 51.4366, 24.0622 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(15, 218, 113) }
```


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

```
.border{ border-color:rgb(15, 218, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 218, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(15, 218, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(15, 218, 113); box-shadow:4px 4px 4px 4px rgb(15, 218, 113) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2490, 51.4366, 24.0622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 218, 113) }
```

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

```
.background{ background-color: rgb(15, 218,  
113) }
```

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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