

Converting Colors

XYZ(26.5561, 48.1713, 23.2921)

Have a look what the booklet for
XYZ(26.5561, 48.1713, 23.2921)
contains.

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Color

**XYZ(26.6341, 48.3424,
23.2565)**

Conversions

Conversions Part 1

Format	Color
Hex	0DD470
RGB	13, 212, 112
RGB Percent	5%, 83%, 44%
CMY	0.9490, 0.1686, 0.5608
CMYK	0.94, 0.00, 0.47, 0.17
HSL	150°, 88%, 44%
HSV	150°, 94%, 83%
XYZ	26.6341, 48.3424, 23.2565
YIQ	141.0990, -86.5040, -73.2880

Conversions

Conversions Part 2

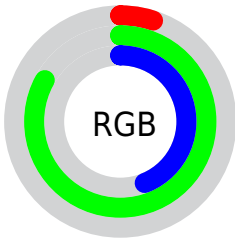
Format	Color
RYB	13, 146, 212
Decimal	906352
CIELab	75.04, -65.22, 37.41
CIELCh	75, 75.192, 150.160
Yxy	48.3424, 0.2711, 0.4921
Android (android.graphics.Color)	4279096432 (0xFF0DD470)
YUV	141.0990, -14.3458, -112.3428
Hunter-Lab	69.5287, -53.2979, 28.8383

Details

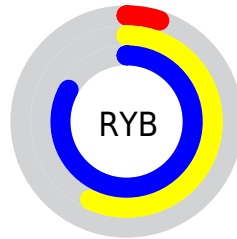
The XYZ color **26.6341, 48.3424, 23.2565** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **30.2777, 15.4782, 17.0178**, and the grayscale version is **25.4370, 26.7617, 29.1435**.

A 20% lighter version of the original color is **48.4954, 77.3008, 47.9619**, and **12.7580, 24.1247, 8.5416** is the 20% darker color. If you saturate the color by 10%, you get **26.1182, 48.1183, 21.4014**, and if you desaturate by 10%, it is **27.7647, 48.8539, 26.5928**.

Distribution



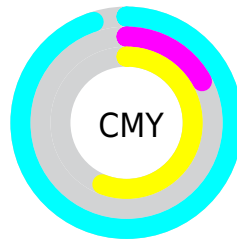
- Red (5%)
- Green (83%)
- Blue (44%)



- Red (5%)
- Yellow (57%)
- Blue (83%)



- Cyan (94%)
- Magenta (0%)
- Yellow (47%)
- Black (17%)



- Cyan (95%)
- Magenta (17%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6341, 48.3424, 23.2565 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 26.6341, 48.3424, 23.2565 by changing the saturation by 10% instead.

■ 26.6341, 48.3424,
23.2565

■ 26.6341, 48.3424,
23.2565

278.0811,
380.1477, 282.2042

■ 17.4338, 34.0981,
14.5759

■ 53.7202, 87.7140,
49.7427

■ 10.6415, 22.9690,
8.3790

■ 72.3367, 113.6101,
68.3854

■ 5.8918, 14.5706,
4.2472

■ 94.8226, 144.1589,
91.1859

■ 2.8194, 8.5186,
1.7619

■ 121.5433,
179.7448, 118.5627

■ 1.0590, 4.4285,
0.4026

■ 152.8641,
220.7523, 150.9344

■ 0.0000, 1.9161,
0.0000

189.1505,

■ 0.0000, 0.5580,

267.5657, 188.7195

0.0000

230.7677,
320.5693, 232.3366

■ 0.0000, 0.0000,
0.0000

■ 26.6341, 48.3424,
23.2565

■ 26.6341, 48.3424,
23.2565

■ 26.1182, 48.1183,
21.4014

■ 27.7647, 48.8539,
26.5928

■ 29.3977, 49.6147,
30.3301

■ 31.6050, 50.6630,
34.4845

■ 34.4455, 52.0288,
39.0697

■ 37.9701, 53.7381,
44.0986

■ 42.2246, 55.8144,
49.5838

■ 47.2504, 58.2787,
55.5369

■ 53.0858, 61.1506,
61.9693

■ 59.7665, 64.4484,
68.8919

Harmonies

Analogous

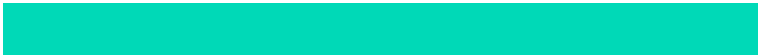
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.9143, 48.3424, 10.5821



26.6341, 48.3424, 23.2565



24.2731, 48.3424, 52.8484

Triad

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



26.6341, 48.3424, 23.2565



46.0219, 48.3424, 170.3023



72.7775, 48.3424, 23.0447

Complementary

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



26.6341, 48.3424, 23.2565



30.2777, 15.4782, 17.0178

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.



77.7449, 48.3424, 52.4255



26.6341, 48.3424, 23.2565



60.5368, 48.3424, 148.8695

Square

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



26.6341, 48.3424, 23.2565



34.0188, 48.3424, 149.2928



72.8779, 48.3424, 99.9597



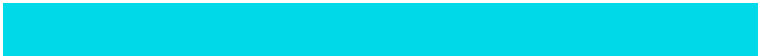
60.3832, 48.3424, 10.5097

Rectangle

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



26.6341, 48.3424, 23.2565



25.3460, 48.3424, 83.2481



72.8779, 48.3424, 99.9597



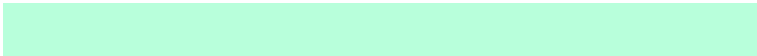
75.4698, 48.3424, 30.6335

Sweetspot

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



26.6353, 48.3444, 23.2576



68.2333, 86.7818, 80.2544



30.7961, 50.8188, 8.5670



13.9104, 18.2347, 16.3446



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.



26.6353, 48.3444, 23.2576



39.5812, 73.0485, 32.0424



35.1804, 51.7624, 68.2556



12.5174, 13.9980, 14.5393



16.1740, 29.7249, 13.4777



1.0173, 1.8096, 1.0329

Inverse Universe

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



30.2777, 15.4782, 17.0178



45.1459, 22.8224, 22.4982



27.3925, 14.3241, 1.8242



12.6810, 12.5239, 14.2602



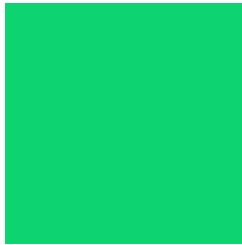
18.4359, 9.3107, 9.5996



1.1538, 0.5783, 0.7990

Previews

White Background



This preview shows how the XYZ color 26.6341, 48.3424, 23.2565 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 26.6341, 48.3424, 23.2565 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 26.6341, 48.3424, 23.2565

Background



This preview shows how black text looks on a background with the XYZ color 26.6341, 48.3424, 23.2565.



This preview shows how white text looks on a background with the XYZ color 26.6341, 48.3424,

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

26.6341, 48.3424, 23.2565

Protanopia

43.4192, 47.2438, 19.4009

Deuteranopia

48.2964, 47.2561, 24.6650



Tritanopia

36.5720, 48.0676, 72.9961

Trichromacy



Original Color

26.6341, 48.3424, 23.2565



Protanomaly

31.5662, 44.6107, 20.5827



Deuteranomaly

32.9303, 43.2942, 23.7605



Tritanomaly

31.3604, 47.2812, 50.1211

Monochromacy



Original Color

26.6341, 48.3424, 23.2565



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

22.4641, 31.6288, 26.0401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6341, 48.3424, 23.2565 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(13, 212, 112)` looks like.

```
.text, #text, p{  
    color:rgb(13, 212, 112)  
}
```

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(13, 212, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 212, 112) }
```

Border

The CSS property to change the border of an element to XYZ 26.6341, 48.3424, 23.2565 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(13, 212, 112) }
```


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

```
.border{ border-color:rgb(13, 212, 112) }
```

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

Here you see how a box with a 4 pixel rgb(13, 212, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 212, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 212, 112);  
box-shadow:4px 4px 4px 4px rgb(13, 212,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6341, 48.3424, 23.2565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 212, 112) }
```

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

```
.background{ background-color: rgb(13, 212,  
112) }
```

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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