

Converting Colors

XYZ(30.2624, 53.5110, 30.2064)

Have a look what the booklet for
XYZ(30.2624, 53.5110, 30.2064)
contains.

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Color

**XYZ(30.2624, 53.5110,
30.2064)**

Conversions

Conversions Part 1

Format	Color
Hex	15DD83
RGB	21, 221, 131
RGB Percent	8%, 87%, 51%
CMY	0.9176, 0.1333, 0.4863
CMYK	0.90, 0.00, 0.41, 0.13
HSL	153°, 83%, 47%
HSV	153°, 90%, 87%
XYZ	30.2624, 53.5110, 30.2064
YIQ	150.9400, -90.3100, -70.3900

Conversions

Conversions Part 2

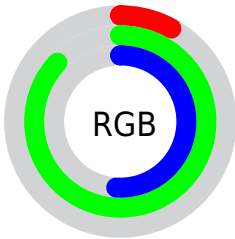
Format	Color
R_{YB}	21, 150, 221
Decimal	1432963
CIE _{Lab}	78.18, -64.51, 31.93
CIE _{LCh}	78, 71.979, 153.664
Yxy	53.5110, 0.2655, 0.4695
Android (android.graphics.Color)	4279623043 (0xFF15DD83)
YUV	150.9400, -9.8304, -113.9574
Hunter-Lab	73.1512, -54.1698, 26.7232

Details

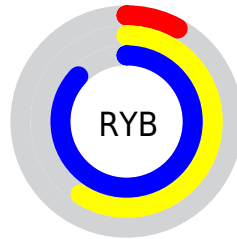
The XYZ color **30.2624, 53.5110, 30.2064** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **32.9580, 17.0573, 16.5969**, and the grayscale version is **29.4599, 30.9941, 33.7526**.

A 20% lighter version of the original color is **50.9474, 78.3378, 58.3344**, and **14.7234, 27.1301, 12.0500** is the 20% darker color. If you saturate the color by 10%, you get **29.3424, 53.1088, 26.9706**, and if you desaturate by 10%, it is **31.6621, 54.1523, 33.9627**.

Distribution



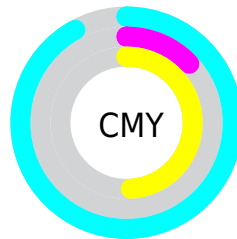
- Red (8%)
- Green (87%)
- Blue (51%)



- Red (8%)
- Yellow (59%)
- Blue (87%)



- Cyan (90%)
- Magenta (0%)
- Yellow (41%)
- Black (13%)





- Cyan (92%)
- Magenta (13%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2624, 53.5110, 30.2064 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 30.2624, 53.5110, 30.2064 by changing the saturation by 10% instead.


 30.2624, 53.5110,
30.2064


 30.2624, 53.5110,
30.2064


295.0136,
400.2426, 317.1026


 20.1869, 38.2109,
19.7419


 59.4607, 95.3559,
61.0533


 12.6400, 26.1464,
12.0254


 79.3142, 122.6694,
82.2728


 7.2564, 16.9332,
6.6382


 103.1577,
154.7562, 107.9144

 3.6707, 10.1869,
3.1619

 131.3567,
192.0006, 138.3966

 1.5176, 5.5230,
1.1779

 164.2764,
234.7870, 174.1380

 0.3378, 2.5573,
0.0000

202.2822,

 0.0000, 0.9052,

283.4999, 215.5571

0.0000

245.7395,
338.5236, 263.0724

■ 0.0000, 0.0000,
0.0000

■ 30.2624, 53.5110,
30.2064

■ 30.2624, 53.5110,
30.2064

■ 29.3424, 53.1088,
26.9706

■ 31.6621, 54.1523,
33.9627

■ 33.6285, 55.0767,
38.0913

■ 36.2357, 56.3235,
42.6056

■ 39.5448, 57.9242,
47.5168

■ 43.6095, 59.9061,
52.8356

■ 48.4781, 62.2940,
58.5721

■ 54.1946, 65.1105,
64.7362

■ 60.7999, 68.3764,
71.3370

■ 68.3320, 72.1112,
78.3837

Harmonies

Analogous

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



37.2890, 53.5110, 14.6414



30.2624, 53.5110, 30.2064



28.3564, 53.5110, 63.3575

Triad

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



30.2624, 53.5110, 30.2064



52.6092, 53.5110, 174.8437



76.8658, 53.5110, 25.0028

Complementary

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



30.2624, 53.5110, 30.2064



32.9580, 17.0573, 16.5969

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.



82.9204, 53.5110, 53.4518



30.2624, 53.5110, 30.2064



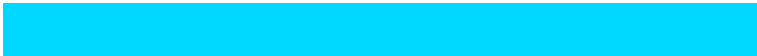
67.3804, 53.5110, 149.4760

Square

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



30.2624, 53.5110, 30.2064



39.7773, 53.5110, 158.9488



79.1653, 53.5110, 99.8429



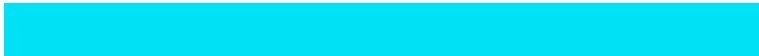
63.8323, 53.5110, 12.7568

Rectangle

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



30.2624, 53.5110, 30.2064



29.8867, 53.5110, 95.2263



79.1653, 53.5110, 99.8429



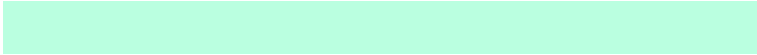
79.8836, 53.5110, 32.3695

Sweetspot

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



30.2638, 53.5131, 30.2076



69.5029, 87.3606, 83.7318



32.9765, 55.3692, 9.6591



14.3245, 18.4272, 17.3092



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.



30.2638, 53.5131, 30.2076



40.5118, 73.4207, 36.9426



37.4931, 53.6442, 76.7875



13.1847, 14.7255, 15.4355



17.1027, 30.8737, 15.9720



1.1512, 2.0174, 1.2623

Inverse Universe

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



32.9580, 17.0573, 16.5969



44.3204, 22.4921, 18.1510



30.3629, 16.2421, 2.2446



13.2984, 13.1485, 14.8326



18.6985, 9.4804, 8.0583



1.2544, 0.6314, 0.7486

Previews

White Background



This preview shows how the XYZ color 30.2624, 53.5110, 30.2064 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 30.2624, 53.5110, 30.2064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

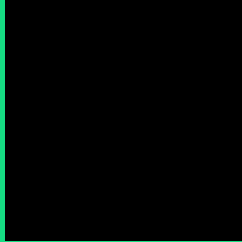
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2624, 53.5110, 30.2064

Background



This preview shows how black text looks on a background with the XYZ color 30.2624, 53.5110, 30.2064.



This preview shows how white text looks on a background with the XYZ color 30.2624, 53.5110,

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

30.2624, 53.5110, 30.2064

Protanopia

48.4739, 52.5865, 25.0481

Deuteranopia

53.5527, 52.5053, 32.1230



Tritanopia

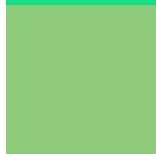
40.3914, 53.4331, 80.8578

Trichromacy



Original Color

30.2624, 53.5110, 30.2064



Protanomaly

35.9156, 49.8047, 26.4592



Deuteranomaly

37.4305, 48.4140, 31.0390



Tritanomaly

35.4245, 52.8596, 58.2050

Monochromacy



Original Color

30.2624, 53.5110, 30.2064



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

26.2683, 36.0073, 31.9512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2624, 53.5110, 30.2064 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(21, 221, 131)` looks like.

```
.text, #text, p{  
    color:rgb(21, 221, 131)  
}
```

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(21, 221, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 221, 131) }
```

Border

The CSS property to change the border of an element to XYZ 30.2624, 53.5110, 30.2064 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(21, 221, 131) }
```


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

```
.border{ border-color:rgb(21, 221, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 221, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 221, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 221, 131);  
box-shadow:4px 4px 4px 4px rgb(21, 221,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2624, 53.5110, 30.2064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 221, 131) }
```

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

```
.background{ background-color: rgb(21, 221,  
131) }
```

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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