

Converting Colors

XYZ(24.7974, 34.2268, 53.2737)

Have a look what the booklet for
XYZ(24.7974, 34.2268, 53.2737)
contains.

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Color

**XYZ(24.8002, 34.1931,
53.4369)**

Conversions

Conversions Part 1

Format	Color
Hex	1CAEBD
RGB	28, 174, 189
RGB Percent	11%, 68%, 74%
CMY	0.8901, 0.3176, 0.2588
CMYK	0.85, 0.08, 0.00, 0.26
HSL	186°, 74%, 43%
HSV	186°, 85%, 74%
XYZ	24.8002, 34.1931, 53.4369
YIQ	132.0560, -91.8310, -26.2870

Conversions

Conversions Part 2

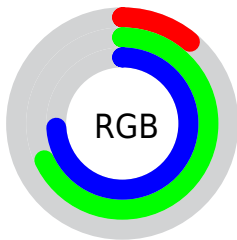
Format	Color
RYB	28, 105, 189
Decimal	1879741
CIELab	65.12, -30.13, -17.90
CIELCh	65, 35.050, 210.717
Yxy	34.1931, 0.2206, 0.3041
Android (android.graphics.Color)	4280069821 (0xFF1CAEBD)
YUV	132.0560, 28.0734, -91.2571
Hunter-Lab	58.4749, -26.6261, -13.2494

Details

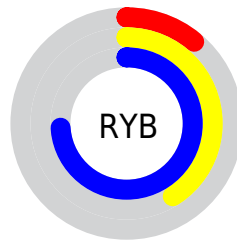
The XYZ color **24.8002, 34.1931, 53.4369** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **22.0607, 12.6316, 2.3750**, and the grayscale version is **21.8801, 23.0195, 25.0683**.

A 20% lighter version of the original color is **50.7221, 66.2504, 96.5005**, and **11.2813, 15.4523, 25.6806** is the 20% darker color. If you saturate the color by 10%, you get **24.0981, 33.3301, 53.3080**, and if you desaturate by 10%, it is **25.8328, 35.2345, 53.5841**.

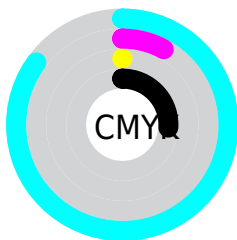
Distribution



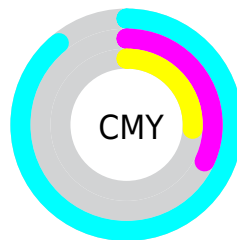
- Red (11%)
- Green (68%)
- Blue (74%)



- Red (11%)
- Yellow (41%)
- Blue (74%)



- Cyan (85%)
- Magenta (8%)
- Yellow (0%)
- Black (26%)



- Cyan (89%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8002, 34.1931, 53.4369 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 24.8002, 34.1931, 53.4369 by changing the saturation by 10% instead.

■ 24.8002, 34.1931,
53.4369

■ 24.8002, 34.1931,
53.4369

269.2075,
320.9922, 417.0728

■ 16.0562, 23.0420,
37.7615

■ 50.7781, 66.2338,
96.6950

■ 9.6550, 14.6245,
25.4973

■ 68.7428, 87.8923,
125.1148

■ 5.2313, 8.5563,
16.2255

■ 90.5117, 113.8219,
158.6199

■ 2.4198, 4.4529,
9.5278

■ 116.4502,
144.4071, 197.6288

■ 0.8550, 1.9300,
4.9855

■ 146.9237,
180.0324, 242.5600

■ 0.0000, 0.5663,
2.1802

182.2975,

■ 0.0000, 0.0000,

221.0821, 293.8320

0.6629

222.9370,
267.9406, 351.8634

■ 0.0000, 0.0000,
0.0000

■ 24.8002, 34.1931,
53.4369

■ 24.8002, 34.1931,
53.4369

■ 24.0981, 33.3301,
53.3080

■ 25.8328, 35.2345,
53.5841

■ 23.8226, 32.9485,
53.2488

■ 27.2457, 36.4778,
53.7497

■ 29.0833, 37.9468,
53.9363

■ 31.3831, 39.6608,
54.1460

■ 34.1784, 41.6369,
54.3801

■ 37.4995, 43.8908,
54.6401

■ 41.3742, 46.4368,
54.9273

■ 45.8282, 49.2884,
55.2429

■ 50.8859, 52.4579,
55.5881

Harmonies

Analogous

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



23.6733, 34.1931, 37.5817



24.8002, 34.1931, 53.4369



27.9494, 34.1931, 67.3709

Triad

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



24.8002, 34.1931, 53.4369



41.7916, 34.1931, 52.6690



32.3774, 34.1931, 15.6691

Complementary

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



24.8002, 34.1931, 53.4369



22.0607, 12.6316, 2.3750

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.



37.5185, 34.1931, 17.7637



24.8002, 34.1931, 53.4369



43.2851, 34.1931, 36.8815

Square

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



24.8002, 34.1931, 53.4369



37.7520, 34.1931, 66.8524



41.6472, 34.1931, 24.6847



27.7583, 34.1931, 17.9783

Rectangle

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



24.8002, 34.1931, 53.4369



30.9482, 34.1931, 72.2516



41.6472, 34.1931, 24.6847



34.1019, 34.1931, 15.8747

Sweetspot

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



24.8013, 34.1943, 53.4377



66.3711, 78.0795, 97.7989



19.0849, 36.8059, 8.2358



13.8156, 16.4825, 20.9959



90.7827, 95.5105, 104.0109



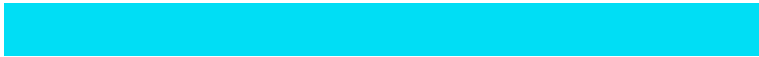
18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.8013, 34.1943, 53.4377



42.5702, 58.8190, 95.3357



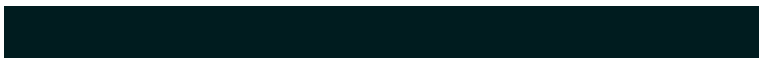
13.7653, 12.1224, 49.7591



9.7305, 10.6534, 12.2157



16.0583, 22.2284, 35.8370



0.6514, 0.9155, 1.4112

Inverse Universe

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



29.0424, 14.7063, 41.3536



50.7703, 24.6501, 71.1842



28.1465, 24.8032, 4.4036



9.8906, 9.6805, 11.8129



19.1063, 9.2737, 26.9169



0.7597, 0.3678, 1.1139

Previews

White Background



This preview shows how the XYZ color 24.8002, 34.1931, 53.4369 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 24.8002, 34.1931, 53.4369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

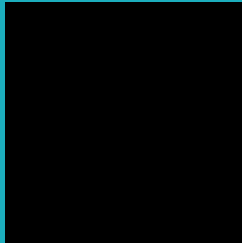
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

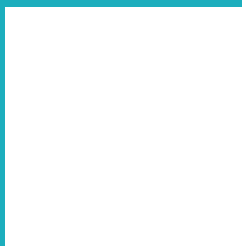
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8002, 34.1931, 53.4369

Background



This preview shows how black text looks on a background with the XYZ color 24.8002, 34.1931, 53.4369.

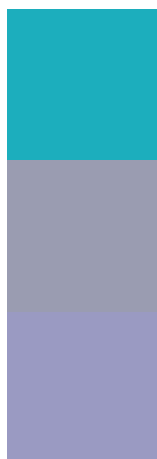


This preview shows how white text looks on a background with the XYZ color 24.8002, 34.1931,

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

24.8002, 34.1931, 53.4369

Protanopia

33.1507, 33.8213, 46.3759

Deuteranopia

34.6196, 33.8763, 55.7531



Tritanopia

24.6651, 34.1360, 52.8659

Trichromacy



Original Color

24.8002, 34.1931, 53.4369



Protanomaly

27.6220, 32.7187, 48.5756



Deuteranomaly

28.4436, 32.4837, 54.6400



Tritanomaly

24.6651, 34.1360, 52.8659

Monochromacy



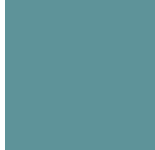
Original Color

24.8002, 34.1931, 53.4369



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

20.7996, 25.5470, 33.9718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8002, 34.1931, 53.4369 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(28, 174, 189)` looks like.

```
.text, #text, p{  
    color:rgb(28, 174, 189)  
}
```

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(28, 174, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 174, 189) }
```

Border

The CSS property to change the border of an element to XYZ 24.8002, 34.1931, 53.4369 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(28, 174, 189) }
```


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

```
.border{ border-color:rgb(28, 174, 189) }
```

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

Here you see how a box with a 4 pixel rgb(28, 174, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(28, 174,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8002, 34.1931, 53.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 174, 189) }
```

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

```
.background{ background-color: rgb(28, 174,  
189) }
```

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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