

Converting Colors

XYZ(25.2369, 44.1446, 26.6830)

Have a look what the booklet for
XYZ(25.2369, 44.1446, 26.6830)
contains.

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Color

**XYZ(25.3071, 44.3211,
26.6231)**

Conversions

Conversions Part 1

Format	Color
Hex	12CB7D
RGB	18, 203, 125
RGB Percent	7%, 80%, 49%
CMY	0.9294, 0.2039, 0.5098
CMYK	0.91, 0.00, 0.38, 0.20
HSL	155°, 84%, 43%
HSV	155°, 91%, 80%
XYZ	25.3071, 44.3211, 26.6231
YIQ	138.7930, -85.2220, -63.4780

Conversions

Conversions Part 2

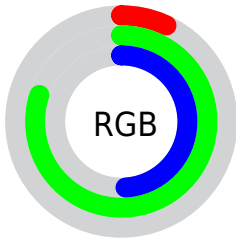
Format	Color
RYB	18, 135, 203
Decimal	1231741
CIELab	72.44, -59.55, 27.42
CIELCh	72, 65.564, 155.274
Yxy	44.3211, 0.2629, 0.4605
Android (android.graphics.Color)	4279421821 (0xFF12CB7D)
YUV	138.7930, -6.7999, -105.9355
Hunter-Lab	66.5741, -48.6507, 22.8917

Details

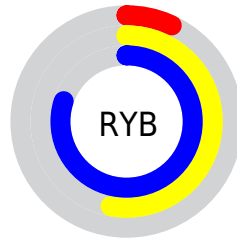
The XYZ color **25.3071, 44.3211, 26.6231** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **26.9580, 13.9748, 12.3465**, and the grayscale version is **24.5119, 25.7885, 28.0837**.

A 20% lighter version of the original color is **49.6216, 77.7376, 54.5090**, and **11.7037, 21.3754, 10.1656** is the 20% darker color. If you saturate the color by 10%, you get **24.5916, 44.0074, 24.1535**, and if you desaturate by 10%, it is **26.4403, 44.8405, 29.6560**.

Distribution



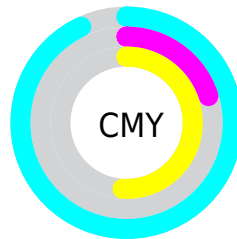
- Red (7%)
- Green (80%)
- Blue (49%)



- Red (7%)
- Yellow (53%)
- Blue (80%)



- Cyan (91%)
- Magenta (0%)
- Yellow (38%)
- Black (20%)





- Cyan (93%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3071, 44.3211, 26.6231 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 25.3071, 44.3211, 26.6231 by changing the saturation by 10% instead.


 25.3071, 44.3211,
26.6231


 25.3071, 44.3211,
26.6231


271.6834,
364.0170, 299.5298


 16.4360, 30.9230,
17.0604


 51.5943, 81.7007,
55.2748

 9.9260, 20.5402,
10.1152


 69.7411, 106.4510,
75.2010


 5.4118, 12.7884,
5.3688


 91.7104, 135.7542,
99.4187

 2.5281, 7.2830,
2.4027

 117.8677,
169.9947, 128.3465

 0.9094, 3.6397,
0.7879

 148.5783,
209.5568, 162.4030

 0.0000, 1.4741,
0.0000

184.2075,

 0.0000, 0.2704,

254.8249, 202.0067

0.0000

225.1208,
306.1835, 247.5761

■ 0.0000, 0.0000,
0.0000

■ 25.3071, 44.3211,
26.6231

■ 25.3071, 44.3211,
26.6231

■ 24.5916, 44.0074,
24.1535

■ 26.4403, 44.8405,
29.6560

■ 28.0292, 45.5881,
32.9612

■ 30.1341, 46.5961,
36.5484

■ 32.8048, 47.8898,
40.4253

■ 36.0847, 49.4917,
44.5995

■ 40.0131, 51.4217,
49.0779

■ 44.6257, 53.6984,
53.8674

■ 49.9555, 56.3385,
58.9745

■ 56.0334, 59.3578,
64.4054

Harmonies

Analogous

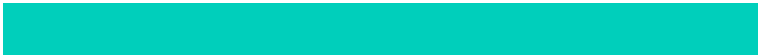
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.7796, 44.3211, 13.1906



25.3071, 44.3211, 26.6231



23.9778, 44.3211, 54.2087

Triad

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



25.3071, 44.3211, 26.6231



44.1554, 44.3211, 140.5670



62.4784, 44.3211, 20.4980

Complementary

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



25.3071, 44.3211, 26.6231



26.9580, 13.9748, 12.3465

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.



67.6869, 44.3211, 42.7598



25.3071, 44.3211, 26.6231



55.9654, 44.3211, 119.0026

Square

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



25.3071, 44.3211, 26.6231



33.6729, 44.3211, 129.7543



65.1128, 44.3211, 79.2584



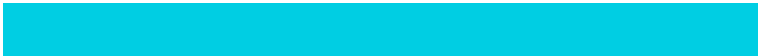
51.8869, 44.3211, 10.9246

Rectangle

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



25.3071, 44.3211, 26.6231



25.3697, 44.3211, 80.0114



65.1128, 44.3211, 79.2584



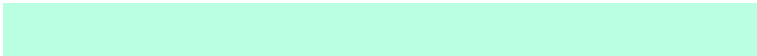
64.9955, 44.3211, 26.2620

Sweetspot

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



25.3082, 44.3229, 26.6241



69.7694, 87.4672, 85.1351



26.5220, 45.3636, 7.9311



14.3873, 18.4523, 17.6400



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.



25.3082, 44.3229, 26.6241



41.0641, 73.6417, 39.8512



29.5886, 41.5588, 62.9641



11.3355, 12.6439, 13.3240



15.6958, 28.0236, 15.6147



0.8471, 1.4607, 1.0025

Inverse Universe

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



26.9580, 13.9748, 12.3465



43.9213, 22.3325, 16.0497



25.2119, 13.6869, 1.8859



11.4053, 11.2909, 12.6689



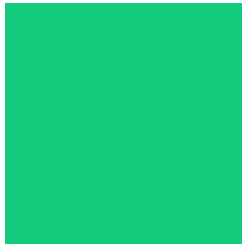
16.7755, 8.5208, 6.5364



0.9031, 0.4546, 0.5354

Previews

White Background



This preview shows how the XYZ color 25.3071, 44.3211, 26.6231 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 25.3071, 44.3211, 26.6231 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

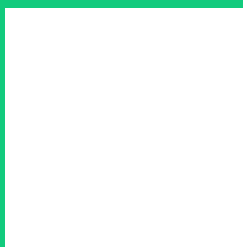
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3071, 44.3211, 26.6231

Background



This preview shows how black text looks on a background with the XYZ color 25.3071, 44.3211, 26.6231.



This preview shows how white text looks on a background with the XYZ color 25.3071, 44.3211,

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

25.3071, 44.3211, 26.6231

Protanopia

40.3008, 43.4720, 22.1865

Deuteranopia

44.1537, 43.3348, 28.2276



Tritanopia

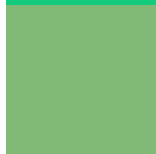
33.4026, 44.1992, 67.0924

Trichromacy



Original Color

25.3071, 44.3211, 26.6231



Protanomaly

29.8822, 41.0929, 23.4963



Deuteranomaly

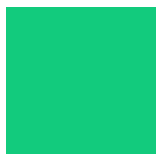
31.0344, 40.0627, 27.2163



Tritanomaly

29.5235, 43.9311, 49.0430

Monochromacy



Original Color

25.3071, 44.3211, 26.6231



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

21.9427, 29.9948, 27.1873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3071, 44.3211, 26.6231 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(18, 203, 125)` looks like.

```
.text, #text, p{  
    color:rgb(18, 203, 125)  
}
```

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(18, 203, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 203, 125) }
```

Border

The CSS property to change the border of an element to XYZ 25.3071, 44.3211, 26.6231 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(18, 203, 125) }
```


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

```
.border{ border-color:rgb(18, 203, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 203, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 203, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 203, 125);  
box-shadow:4px 4px 4px 4px rgb(18, 203,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3071, 44.3211, 26.6231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 203, 125) }
```

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

```
.background{ background-color: rgb(18, 203,  
125) }
```

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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