

Converting Colors

XYZ(21.3850, 40.1942, 26.1928)

Have a look what the booklet for
XYZ(21.3850, 40.1942, 26.1928)
contains.

XYZ(23.6679, 41.4132, 26.1482)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.6679, 41.4132,
26.1482)**

Conversions

Conversions Part 1

Format	Color
Hex	00C57D
RGB	0, 197, 125
RGB Percent	0%, 77%, 49%
CMY	1.0000, 0.2274, 0.5098
CMYK	1.00, 0.00, 0.37, 0.23
HSL	158°, 100%, 39%
HSV	158°, 100%, 77%
XYZ	23.6679, 41.4132, 26.1482
YIQ	129.8890, -94.3000, -64.1560

Conversions

Conversions Part 2

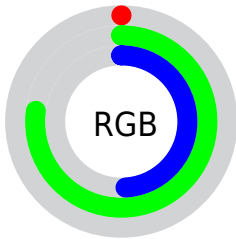
Format	Color
RYB	0, 121, 197
Decimal	50557
CIELab	70.46, -58.13, 24.76
CIELCh	70, 63.181, 156.926
Yxy	41.4132, 0.2594, 0.4539
Android (android.graphics.Color)	4278240637 (0xFF00C57D)
YUV	129.8890, -2.4103, -113.9127
Hunter-Lab	64.3531, -46.9688, 20.9562

Details

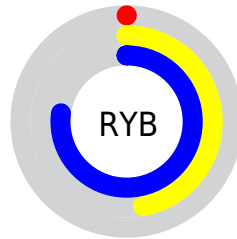
The XYZ color **23.6679, 41.4132, 26.1482** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **24.1971, 12.3391, 7.2393**, and the grayscale version is **21.2127, 22.3174, 24.3037**.

A 20% lighter version of the original color is **48.9415, 77.3870, 54.4772**, and **10.9430, 19.8540, 9.9121** is the 20% darker color. If you saturate the color by 10%, you get **23.6686, 41.4147, 26.1478**, and if you desaturate by 10%, it is **24.4284, 41.7513, 28.6739**.

Distribution



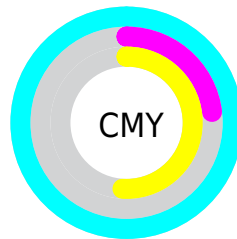
- Red (0%)
- Green (77%)
- Blue (49%)



- Red (0%)
- Yellow (47%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (23%)





- Cyan (100%)
- Magenta (23%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.6679, 41.4132, 26.1482 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 23.6679, 41.4132, 26.1482 by changing the saturation by 10% instead.


 23.6679, 41.4132,
26.1482


 23.6679, 41.4132,
26.1482


263.6089,
352.0446, 297.1374


 15.2109, 28.6421,
16.7078


 48.9463, 77.3107,
54.5009


 9.0548, 18.8102,
9.8666


 66.4985, 101.2060,
74.2504


 4.8343, 11.5332,
5.2062


 87.8130, 129.5780,
98.2732

 2.1841, 6.4267,
2.3079

 113.2552,
162.8113, 126.9880

 0.7344, 3.1062,
0.7356

 143.1906,
201.2902, 160.8132

 0.0000, 1.1874,
0.0000

177.9844,

 0.0000, 0.0514,

245.3992, 200.1675

0.0000

218.0021,
295.5225, 245.4694

■ 0.0000, 0.0000,
0.0000

■ 23.6679, 41.4132,
26.1482

■ 23.6679, 41.4132,
26.1482

■ 23.6686, 41.4147,
26.1478

■ 24.4284, 41.7513,
28.6739

■ 25.5091, 42.2494,
31.3913

■ 27.0127, 42.9614,
34.3097

■ 28.9923, 43.9149,
37.4348

■ 31.4930, 45.1327,
40.7721

■ 34.5542, 46.6353,
44.3265

■ 38.2117, 48.4411,
48.1028

■ 42.4980, 50.5666,
52.1057

■ 47.4433, 53.0274,
56.3394

Harmonies

Analogous

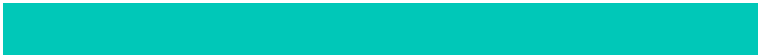
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.5184, 41.4132, 13.0345



23.6679, 41.4132, 26.1482



22.6462, 41.4132, 52.3651

Triad

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



23.6679, 41.4132, 26.1482



41.8258, 41.4132, 129.3083



57.6318, 41.4132, 18.6736

Complementary

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



23.6679, 41.4132, 26.1482



24.1971, 12.3391, 7.2393

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.



62.7665, 41.4132, 38.5255



23.6679, 41.4132, 26.1482



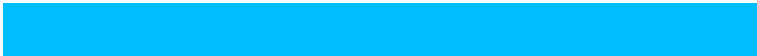
52.6555, 41.4132, 108.2050

Square

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



23.6679, 41.4132, 26.1482



32.0261, 41.4132, 121.0764



60.8010, 41.4132, 71.4999



47.7404, 41.4132, 10.2395

Rectangle

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



23.6679, 41.4132, 26.1482



24.0754, 41.4132, 76.3559



60.8010, 41.4132, 71.4999



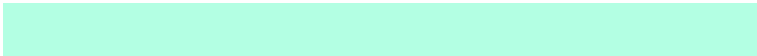
60.0441, 41.4132, 23.7935

Sweetspot

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



23.6690, 41.4148, 26.1492



68.1056, 86.5924, 85.8258



22.6576, 41.3211, 6.7819



13.9531, 18.2258, 17.7417



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.



23.6690, 41.4148, 26.1492



42.2635, 74.1214, 46.1672



24.5920, 33.0583, 57.9101



10.7759, 11.9992, 12.7699



15.6086, 27.2558, 17.4154



0.7730, 1.3041, 1.0034

Inverse Universe

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



24.1971, 12.3391, 7.2393



43.2248, 22.0539, 12.3818



23.4025, 12.6219, 1.2031



10.7914, 10.7000, 11.8850



15.9516, 8.1302, 4.9552



0.7901, 0.3989, 0.4178

Previews

White Background



This preview shows how the XYZ color 23.6679, 41.4132, 26.1482 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 23.6679, 41.4132, 26.1482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

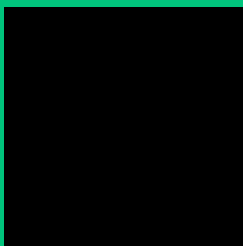
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

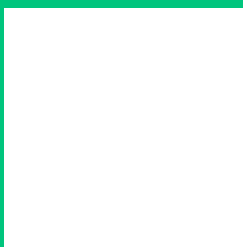
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6679, 41.4132, 26.1482

Background



This preview shows how black text looks on a background with the XYZ color 23.6679, 41.4132, 26.1482.



This preview shows how white text looks on a background with the XYZ color 23.6679, 41.4132,

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

23.6679, 41.4132, 26.1482

Protanopia

37.6078, 40.6550, 21.7846

Deuteranopia

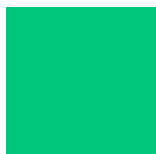
41.3285, 40.5237, 27.8339



Tritanopia

31.2885, 41.5803, 62.8766

Trichromacy



Original Color

23.6679, 41.4132, 26.1482



Protanomaly

27.0625, 37.8021, 23.0097



Deuteranomaly

28.3070, 37.1744, 26.8025



Tritanomaly

27.4509, 40.9146, 47.0079

Monochromacy



Original Color

23.6679, 41.4132, 26.1482



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

19.0192, 26.5087, 24.5364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6679, 41.4132, 26.1482 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(0, 197, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 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(0, 197, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 125) }
```

Border

The CSS property to change the border of an element to XYZ 23.6679, 41.4132, 26.1482 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(0, 197, 125) }
```


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

```
.border{ border-color:rgb(0, 197, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 197, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 197, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 197, 125); box-shadow:4px 4px 4px 4px rgb(0, 197, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6679, 41.4132, 26.1482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 125) }
```

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

```
.background{ background-color: rgb(0, 197,  
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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