

Converting Colors

XYZ(24.7159, 41.8041, 31.3709)

Have a look what the booklet for
XYZ(24.7159, 41.8041, 31.3709)
contains.

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Color

**XYZ(24.7016, 41.8353,
31.1992)**

Conversions

Conversions Part 1

Format	Color
Hex	06C58B
RGB	6, 197, 139
RGB Percent	2%, 77%, 55%
CMY	0.9764, 0.2274, 0.4549
CMYK	0.97, 0.00, 0.29, 0.23
HSL	162°, 94%, 40%
HSV	162°, 97%, 77%
XYZ	24.7016, 41.8353, 31.1992
YIQ	133.2790, -95.2180, -58.5300

Conversions

Conversions Part 2

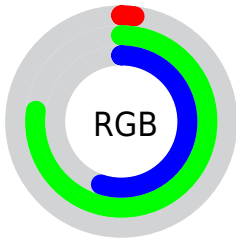
Format	Color
RYB	6, 119, 197
Decimal	443787
CIELab	70.76, -54.87, 17.73
CIELCh	71, 57.667, 162.096
Yxy	41.8353, 0.2527, 0.4280
Android (android.graphics.Color)	4278633867 (0xFF06C58B)
YUV	133.2790, 2.8205, -111.6237
Hunter-Lab	64.6802, -45.0206, 16.6770

Details

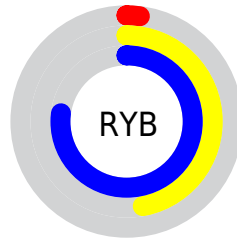
The XYZ color **24.7016, 41.8353, 31.1992** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **24.0183, 12.3720, 5.9765**, and the grayscale version is **22.4141, 23.5814, 25.6801**.

A 20% lighter version of the original color is **50.7525, 78.1370, 62.8591**, and **11.4762, 20.0673, 12.7197** is the 20% darker color. If you saturate the color by 10%, you get **24.4947, 41.7450, 30.4983**, and if you desaturate by 10%, it is **25.4956, 42.1938, 33.5824**.

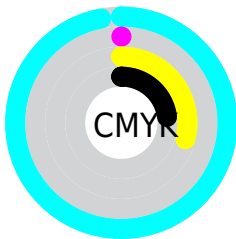
Distribution



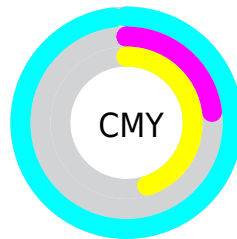
- Red (2%)
- Green (77%)
- Blue (55%)



- Red (2%)
- Yellow (47%)
- Blue (77%)



- Cyan (97%)
- Magenta (0%)
- Yellow (29%)
- Black (23%)





- Cyan (98%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.7016, 41.8353, 31.1992 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 24.7016, 41.8353, 31.1992 by changing the saturation by 10% instead.


 24.7016, 41.8353,
31.1992


 24.7016, 41.8353,
31.1992


268.7237,
353.7997, 321.8346


 15.9824, 28.9723,
20.4908


 50.6191, 77.9503,
62.6368


 9.6025, 19.0599,
12.5647


 68.5481, 101.9711,
84.2031


 5.1964, 11.7136,
7.0023


 90.2778, 130.4801,
110.2259

 2.3989, 6.5490,
3.3851

 116.1736,
163.8615, 141.1236

 0.8446, 3.1817,
1.2945

 146.6007,
202.4997, 177.3147

 0.0000, 1.2273,
0.0572

181.9245,

 0.0000, 0.0838,

246.7793, 219.2179

0.0000

222.5104,
297.0845, 267.2517

■ 0.0000, 0.0000,
0.0000

■ 24.7016, 41.8353,
31.1992

■ 24.7016, 41.8353,
31.1992

■ 24.4947, 41.7450,
30.4983

■ 25.4956, 42.1938,
33.5824

■ 26.6513, 42.7348,
36.1085

■ 28.2369, 43.4947,
38.7835

■ 30.3024, 44.4991,
41.6115

■ 32.8908, 45.7700,
44.5964

■ 36.0400, 47.3271,
47.7417

■ 39.7843, 49.1881,
51.0508

■ 44.1553, 51.3690,
54.5269

■ 49.1823, 53.8850,
58.1729

Harmonies

Analogous

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



28.6623, 41.8353, 16.5760



24.7016, 41.8353, 31.1992



24.3520, 41.8353, 57.5072

Triad

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



24.7016, 41.8353, 31.1992



43.7439, 41.8353, 118.9235



55.0345, 41.8353, 18.5753

Complementary

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



24.7016, 41.8353, 31.1992



24.0183, 12.3720, 5.9765

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.



60.5987, 41.8353, 35.3796



24.7016, 41.8353, 31.1992



53.4138, 41.8353, 96.8928

Square

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



24.7016, 41.8353, 31.1992



34.3719, 41.8353, 116.3231



59.9620, 41.8353, 63.7429



45.6907, 41.8353, 11.5617

Rectangle

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



24.7016, 41.8353, 31.1992



26.1265, 41.8353, 79.6697



59.9620, 41.8353, 63.7429



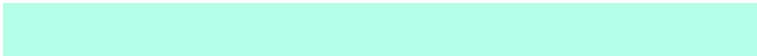
57.4716, 41.8353, 22.9015

Sweetspot

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



24.7027, 41.8369, 31.2002



69.4703, 87.2068, 89.9186



22.2807, 41.1229, 6.9362



14.2446, 18.3552, 18.6960



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.



24.7027, 41.8369, 31.2002



43.7513, 74.7165, 54.0014



23.0725, 29.9075, 57.3819



10.8042, 12.0106, 12.9192



16.1493, 27.4721, 20.2624



0.7958, 1.3132, 1.1232

Inverse Universe

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



24.0183, 12.3720, 5.9765



42.5953, 21.8021, 9.0670



23.8540, 13.4724, 1.5162



10.7643, 10.6891, 11.7419



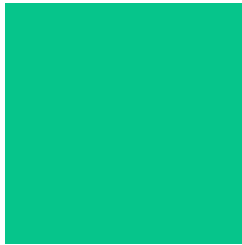
15.7116, 8.0342, 3.6913



0.7766, 0.3935, 0.3469

Previews

White Background



This preview shows how the XYZ color 24.7016, 41.8353, 31.1992 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 24.7016, 41.8353, 31.1992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

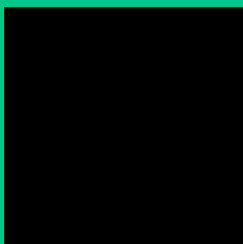
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

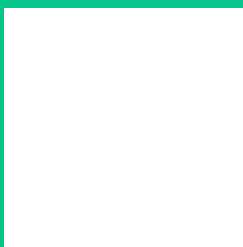
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7016, 41.8353, 31.1992

Background



This preview shows how black text looks on a background with the XYZ color 24.7016, 41.8353, 31.1992.

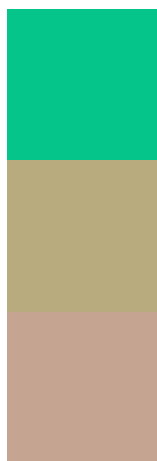


This preview shows how white text looks on a background with the XYZ color 24.7016, 41.8353,

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

24.7016, 41.8353, 31.1992

Protanopia

38.3505, 41.2277, 26.0151

Deuteranopia

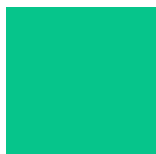
41.6694, 40.8559, 32.8839



Tritanopia

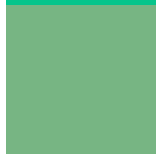
31.3434, 41.9131, 63.5648

Trichromacy



Original Color

24.7016, 41.8353, 31.1992



Protanomaly

28.2284, 38.6084, 27.4371



Deuteranomaly

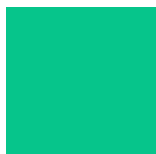
29.5822, 38.0166, 31.7654



Tritanomaly

28.1266, 41.5300, 49.7137

Monochromacy



Original Color

24.7016, 41.8353, 31.1992



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

20.1921, 27.5524, 27.1756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7016, 41.8353, 31.1992 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(6, 197, 139)` looks like.

```
.text, #text, p{  
    color:rgb(6, 197, 139)  
}
```

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(6, 197, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 197, 139) }
```

Border

The CSS property to change the border of an element to XYZ 24.7016, 41.8353, 31.1992 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(6, 197, 139) }
```


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

```
.border{ border-color:rgb(6, 197, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 197, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 197, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 197, 139);  
box-shadow:4px 4px 4px 4px rgb(6, 197,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7016, 41.8353, 31.1992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 197, 139) }
```

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

```
.background{ background-color: rgb(6, 197,  
139) }
```

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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