

Converting Colors

XYZ(26.2600, 39.7775, 47.1909)

Have a look what the booklet for
XYZ(26.2600, 39.7775, 47.1909)
contains.

XYZ(26.2152, 39.6231, 47.3406)	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(26.2152, 39.6231,
47.3406)**

Conversions

Conversions Part 1

Format	Color
Hex	0EBDB0
RGB	14, 189, 176
RGB Percent	5%, 74%, 69%
CMY	0.9450, 0.2588, 0.3098
CMYK	0.93, 0.00, 0.07, 0.26
HSL	176°, 86%, 40%
HSV	176°, 93%, 74%
XYZ	26.2152, 39.6231, 47.3406
YIQ	135.1930, -100.1270, -41.1430

Conversions

Conversions Part 2

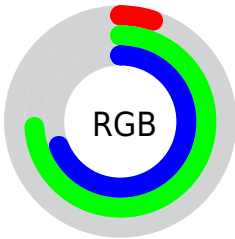
Format	Color
RYB	14, 105, 189
Decimal	966064
CIELab	69.20, -41.77, -4.62
CIElCh	69, 42.029, 186.308
Yxy	39.6231, 0.2316, 0.3501
Android (android.graphics.Color)	4279156144 (0xFF0EBDB0)
YUV	135.1930, 20.1179, -106.2863
Hunter-Lab	62.9469, -35.8180, -0.5275

Details

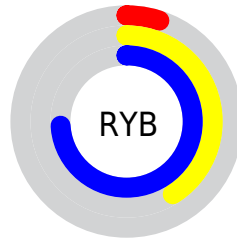
The XYZ color **26.2152, 39.6231, 47.3406** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **21.3426, 11.2134, 2.0784**, and the grayscale version is **23.0589, 24.2598, 26.4189**.

A 20% lighter version of the original color is **53.1148, 74.6213, 87.9478**, and **12.3021, 18.7832, 22.0459** is the 20% darker color. If you saturate the color by 10%, you get **25.9320, 39.4899, 46.7917**, and if you desaturate by 10%, it is **26.7995, 39.9091, 48.0981**.

Distribution



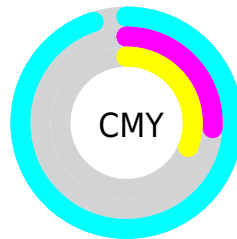
- Red (5%)
- Green (74%)
- Blue (69%)



- Red (5%)
- Yellow (41%)
- Blue (74%)



- Cyan (93%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)



- Cyan (95%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2152, 39.6231, 47.3406 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 26.2152, 39.6231, 47.3406 by changing the saturation by 10% instead.

■ 26.2152, 39.6231,
47.3406

■ 26.2152, 39.6231,
47.3406

276.0743,
344.5324, 392.6055

■ 17.1182, 27.2448,
32.9487

■ 53.0507, 74.5892,
87.5771

■ 10.4146, 17.7572,
21.8164

■ 71.5200, 97.9459,
114.2588

■ 5.7391, 10.7758,
13.5250

■ 93.8441, 125.7307,
145.8742

■ 2.7262, 5.9163,
7.6561

■ 120.3884,
158.3282, 182.8418

■ 1.0107, 2.7942,
3.7911

■ 151.5182,
196.1228, 225.5802

■ 0.0000, 1.0253,
1.5114

187.5988,

■ 0.0000, 0.0000,

239.4987, 274.5080

0.2264

228.9958,
288.8405, 330.0435

■ 0.0000, 0.0000,
0.0000

■ 26.2152, 39.6231,
47.3406

■ 26.2152, 39.6231,
47.3406

■ 25.9320, 39.4899,
46.7917

■ 26.7995, 39.9091,
48.0981

■ 27.7232, 40.3689,
48.8780

■ 29.0372, 41.0299,
49.6838

■ 30.7831, 41.9133,
50.5174

■ 32.9972, 43.0379,
51.3805

■ 35.7118, 44.4203,
52.2746

■ 38.9566, 46.0760,
53.2012

■ 42.7588, 48.0187,
54.1615

■ 47.1438, 50.2618,
55.1567

Harmonies

Analogous

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



27.0177, 39.6231, 29.9080



26.2152, 39.6231, 47.3406



28.1723, 39.6231, 68.9941

Triad

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



26.2152, 39.6231, 47.3406



45.8473, 39.6231, 80.3932



43.0988, 39.6231, 17.3414

Complementary

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



26.2152, 39.6231, 47.3406



21.3426, 11.2134, 2.0784

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.



49.0708, 39.6231, 24.7209



26.2152, 39.6231, 47.3406



50.7851, 39.6231, 59.7990

Square

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



26.2152, 39.6231, 47.3406



39.0991, 39.6231, 91.4089



52.0298, 39.6231, 39.2008



36.2577, 39.6231, 15.8109

Rectangle

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



26.2152, 39.6231, 47.3406



30.9335, 39.6231, 81.8703



52.0298, 39.6231, 39.2008



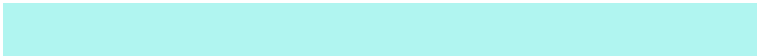
45.2983, 39.6231, 19.0846

Sweetspot

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



26.2164, 39.6246, 47.3415



66.2390, 80.7177, 94.2988



18.7735, 36.6837, 6.5078



13.7319, 17.0966, 20.1260



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.



26.2164, 39.6246, 47.3415



46.4033, 70.7084, 83.5935



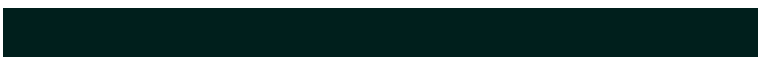
15.6239, 16.2812, 50.4648



9.7772, 10.7970, 12.0760



17.4597, 26.5742, 31.5471



0.6931, 1.0446, 1.2843

Inverse Universe

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



21.3426, 11.2134, 2.0784



37.6972, 19.4208, 2.3422



24.4694, 17.6570, 2.5350



9.5582, 9.5476, 10.0623



14.1851, 7.3052, 1.0022



0.5656, 0.2901, 0.0915

Previews

White Background



This preview shows how the XYZ color 26.2152, 39.6231, 47.3406 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 26.2152, 39.6231, 47.3406 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

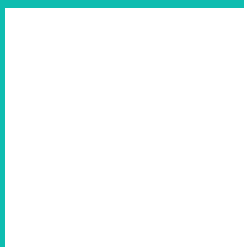
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2152, 39.6231, 47.3406

Background



This preview shows how black text looks on a background with the XYZ color 26.2152, 39.6231, 47.3406.

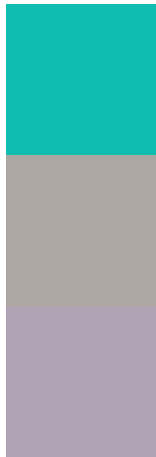


This preview shows how white text looks on a background with the XYZ color 26.2152, 39.6231,

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

26.2152, 39.6231, 47.3406

Protanopia

37.4428, 39.0524, 40.2148

Deuteranopia

39.6722, 38.9189, 49.6771



Tritanopia

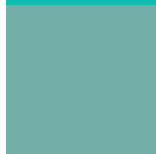
28.9010, 39.4489, 60.7347

Trichromacy



Original Color

26.2152, 39.6231, 47.3406



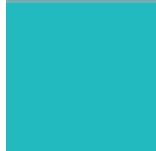
Protanomaly

29.4681, 37.1319, 42.6598



Deuteranomaly

30.4620, 36.6519, 48.6490



Tritanomaly

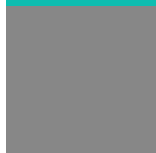
27.6226, 39.2195, 55.4045

Monochromacy



Original Color

26.2152, 39.6231, 47.3406



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

21.5407, 27.8688, 33.0981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2152, 39.6231, 47.3406 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(14, 189, 176)` looks like.

```
.text, #text, p{  
    color:rgb(14, 189, 176)  
}
```

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(14, 189, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 189, 176) }
```

Border

The CSS property to change the border of an element to XYZ 26.2152, 39.6231, 47.3406 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(14, 189, 176) }
```


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

```
.border{ border-color:rgb(14, 189, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 189, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 189, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 189, 176);  
box-shadow:4px 4px 4px 4px rgb(14, 189,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2152, 39.6231, 47.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 189, 176) }
```

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

```
.background{ background-color: rgb(14, 189,  
176) }
```

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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