

Converting Colors

XYZ(16.2728, 26.0794, 25.0913)

Have a look what the booklet for
XYZ(16.2728, 26.0794, 25.0913)
contains.

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Color

**XYZ(16.2394, 26.0645,
24.9439)**

Conversions

Conversions Part 1

Format	Color
Hex	049E81
RGB	4, 158, 129
RGB Percent	2%, 62%, 51%
CMY	0.9842, 0.3804, 0.4941
CMYK	0.97, 0.00, 0.18, 0.38
HSL	169°, 95%, 32%
HSV	169°, 97%, 62%
XYZ	16.2394, 26.0645, 24.9439
YIQ	108.6480, -82.4750, -41.6670

Conversions

Conversions Part 2

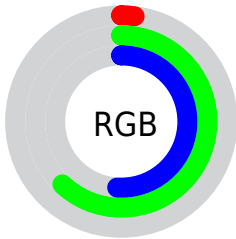
Format	Color
RYB	4, 89, 158
Decimal	302721
CIELab	58.10, -41.94, 5.38
CIELCh	58, 42.285, 172.692
Yxy	26.0645, 0.2415, 0.3876
Android (android.graphics.Color)	4278492801 (0xFF049E81)
YUV	108.6480, 10.0335, -91.7763
Hunter-Lab	51.0534, -32.5650, 6.7692

Details

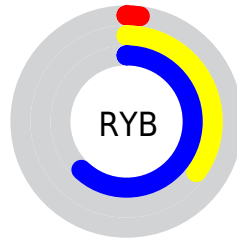
The XYZ color **16.2394, 26.0645, 24.9439** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **14.4195, 7.4665, 2.1216**, and the grayscale version is **14.4274, 15.1788, 16.5297**.

A 20% lighter version of the original color is **36.4542, 53.1396, 52.5916**, and **6.4995, 10.6823, 9.3088** is the 20% darker color. If you saturate the color by 10%, you get **16.1396, 26.0195, 24.6780**, and if you desaturate by 10%, it is **16.6754, 26.2667, 26.0127**.

Distribution



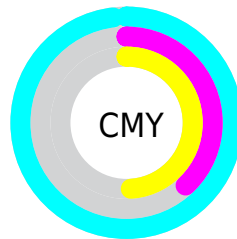
- Red (2%)
- Green (62%)
- Blue (51%)



- Red (2%)
- Yellow (35%)
- Blue (62%)



- Cyan (97%)
- Magenta (0%)
- Yellow (18%)
- Black (38%)



- Cyan (98%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2394, 26.0645, 24.9439 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 16.2394, 26.0645, 24.9439 by changing the saturation by 10% instead.

■ 16.2394, 26.0645,
24.9439

■ 16.2394, 26.0645,
24.9439

■ 223.9930,
283.0986, 290.9972

■ 9.7856, 16.8719,
15.8166

■ 36.5674, 53.3790,
52.5292

■ 5.3182, 10.1432,
9.2415

■ 51.1724, 72.2697,
71.8243

■ 2.4718, 5.4940,
4.8001

■ 69.2251, 95.1618,
95.3457

■ 0.8811, 2.5399,
2.0738

■ 91.0910, 122.4398,
123.5121

■ 0.0000, 0.8966,
0.6001

■ 117.1354,
154.4881, 156.7418

■ 0.0000, 0.0000,
0.0000

■ 147.7236,

191.6911, 195.4536

183.2210,
234.4331, 240.0659

■ 16.2394, 26.0645,
24.9439

■ 16.2394, 26.0645,
24.9439

■ 16.1396, 26.0195,
24.6780

■ 16.6754, 26.2667,
26.0127

■ 17.3115, 26.5708,
27.1206

■ 18.1961, 27.0023,
28.2706

■ 19.3578, 27.5759,
29.4645

■ 20.8213, 28.3045,
30.7036

■ 22.6086, 29.1992,
31.9891

■ 24.7394, 30.2704,
33.3222

■ 27.2320, 31.5274,
34.7040

■ 30.1033, 32.9789,
36.1355

Harmonies

Analogous

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



17.7425, 26.0645, 14.4972



16.2394, 26.0645, 24.9439



16.7593, 26.0645, 40.6979

Triad

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



16.2394, 26.0645, 24.9439



28.7665, 26.0645, 63.1255



31.2287, 26.0645, 11.3489

Complementary

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



16.2394, 26.0645, 24.9439



14.4195, 7.4665, 2.1216

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.



35.0054, 26.0645, 18.8378



16.2394, 26.0645, 24.9439



33.4528, 26.0645, 49.1153

Square

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



16.2394, 26.0645, 24.9439



23.5428, 26.0645, 66.5110



35.8709, 26.0645, 32.1176



26.0464, 26.0645, 8.6009

Rectangle

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



16.2394, 26.0645, 24.9439



18.2223, 26.0645, 52.0962



35.8709, 26.0645, 32.1176



32.7324, 26.0645, 13.2398

Sweetspot

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



16.2401, 26.0655, 24.9445



44.0547, 54.5310, 59.9927



12.9362, 24.8175, 4.2239



9.5753, 12.1145, 13.3045



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



16.2401, 26.0655, 24.9445



29.2391, 47.2220, 44.4479



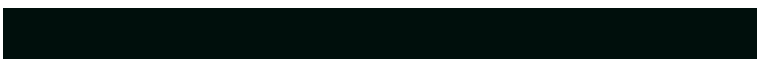
11.9951, 14.0406, 34.4268



6.7682, 7.4880, 8.2141



12.9393, 20.8437, 19.8353



0.2440, 0.3778, 0.4215

Inverse Universe

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



14.4195, 7.4665, 2.1216



25.9712, 13.3465, 3.1182



15.2729, 9.5778, 1.1592



6.6816, 6.6655, 7.1743



11.4897, 5.9005, 1.5639



0.2177, 0.1104, 0.0926

Previews

White Background



This preview shows how the XYZ color 16.2394, 26.0645, 24.9439 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2394, 26.0645, 24.9439 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 × Fail

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

XYZ 16.2394, 26.0645, 24.9439

Background



This preview shows how black text looks on a background with the XYZ color 16.2394, 26.0645, 24.9439.

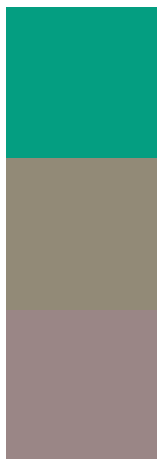


This preview shows how white text looks on a background with the XYZ color 16.2394, 26.0645,

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

16.2394, 26.0645, 24.9439

Protanopia

24.2723, 25.6199, 21.1186

Deuteranopia

26.1546, 25.6414, 26.1251



Tritanopia

19.3551, 26.1034, 39.6157

Trichromacy



Original Color

16.2394, 26.0645, 24.9439



Protanomaly

18.3166, 24.0605, 22.4177



Deuteranomaly

19.1329, 23.9635, 25.4468



Tritanomaly

17.9539, 26.0010, 33.7782

Monochromacy



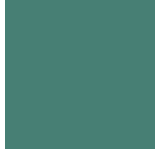
Original Color

16.2394, 26.0645, 24.9439



Achromatopsia

14.5356, 15.2926, 16.6537



Achromatomaly

13.3403, 17.7793, 19.2516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2394, 26.0645, 24.9439 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(4, 158, 129)` looks like.

```
.text, #text, p{  
    color:rgb(4, 158, 129)  
}
```

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(4, 158, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 158, 129) }
```

Border

The CSS property to change the border of an element to XYZ 16.2394, 26.0645, 24.9439 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(4, 158, 129) }
```


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

```
.border{ border-color:rgb(4, 158, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 158, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 158, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 158, 129);  
box-shadow:4px 4px 4px 4px rgb(4, 158,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2394, 26.0645, 24.9439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 158, 129) }
```

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

```
.background{ background-color: rgb(4, 158,  
129) }
```

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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