

Converting Colors

XYZ(10.2879, 23.6456, 23.4727)

Have a look what the booklet for
XYZ(10.2879, 23.6456, 23.4727)
contains.

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Color

**XYZ(16.2725, 26.6223,
23.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	00A07D
RGB	0, 160, 125
RGB Percent	0%, 63%, 49%
CMY	0.9999, 0.3725, 0.5098
CMYK	1.00, 0.00, 0.22, 0.37
HSL	167°, 100%, 31%
HSV	167°, 100%, 63%
XYZ	16.2725, 26.6223, 23.6830
YIQ	108.1700, -84.1250, -44.8050

Conversions

Conversions Part 2

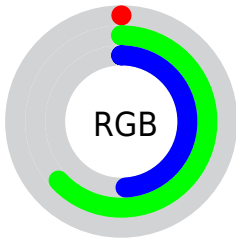
Format	Color
RYB	0, 90, 160
Decimal	41085
CIELab	58.62, -44.02, 8.38
CIELCh	59, 44.806, 169.218
Yxy	26.6223, 0.2444, 0.3999
Android (android.graphics.Color)	4278231165 (0xFF00A07D)
YUV	108.1700, 8.2972, -94.8651
Hunter-Lab	51.5968, -33.9994, 8.9036

Details

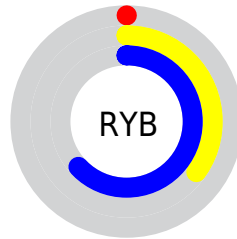
The XYZ color **16.2725, 26.6223, 23.6830** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **14.8016, 7.5957, 2.2775**, and the grayscale version is **14.2977, 15.0423, 16.3810**.

A 20% lighter version of the original color is **36.7116, 54.4499, 50.6945**, and **6.5622, 11.0372, 8.6220** is the 20% darker color. If you saturate the color by 10%, you get **16.2728, 26.6231, 23.6824**, and if you desaturate by 10%, it is **16.7147, 26.8246, 24.8924**.

Distribution



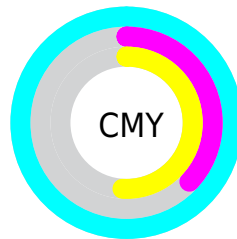
- Red (0%)
- Green (63%)
- Blue (49%)



- Red (0%)
- Yellow (35%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2725, 26.6223, 23.6830 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 16.2725, 26.6223, 23.6830 by changing the saturation by 10% instead.

■ 16.2725, 26.6223,
23.6830

■ 16.2725, 26.6223,
23.6830

224.1833,
285.8237, 284.4487

■ 9.8093, 17.2898,
14.8886

■ 36.6243, 54.2772,
50.4497

■ 5.3340, 10.4413,
8.5955

■ 51.2435, 73.3683,
69.2592

■ 2.4813, 5.6925,
4.3851

■ 69.3121, 96.4811,
92.2440

■ 0.8858, 2.6590,
1.8389

■ 91.1955, 123.9999,
119.8228

■ 0.0000, 0.9564,
0.4534

■ 117.2589,
156.3092, 152.4142

■ 0.0000, 0.0000,
0.0000

■ 147.8678,

193.7933, 190.4366

183.3874,
236.8367, 234.3085

■ 16.2725, 26.6223,
23.6830

■ 16.2725, 26.6223,
23.6830

■ 16.2728, 26.6231,
23.6824

■ 16.7147, 26.8246,
24.8924

■ 17.3325, 27.1159,
26.1510

■ 18.1997, 27.5348,
27.4633

■ 19.3472, 28.0973,
28.8310

■ 20.8015, 28.8170,
30.2559

■ 22.5857, 29.7058,
31.7393

■ 24.7210, 30.7746,
33.2827

■ 27.2265, 32.0333,
34.8874

■ 30.1200, 33.4910,
36.5545

Harmonies

Analogous

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



18.1115, 26.6223, 13.3644



16.2725, 26.6223, 23.6830



16.5743, 26.6223, 40.1424

Triad

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



16.2725, 26.6223, 23.6830



28.9466, 26.6223, 68.0188



32.8583, 26.6223, 11.5710

Complementary

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



16.2725, 26.6223, 23.6830



14.8016, 7.5957, 2.2775

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.



36.6599, 26.6223, 20.1175



16.2725, 26.6223, 23.6830



34.1851, 26.6223, 53.6092

Square

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



16.2725, 26.6223, 23.6830



23.3767, 26.6223, 70.0755



37.1779, 26.6223, 35.0295



27.3338, 26.6223, 8.2542

Rectangle

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



16.2725, 26.6223, 23.6830



17.9635, 26.6223, 52.6613



37.1779, 26.6223, 35.0295



34.4122, 26.6223, 13.7457

Sweetspot

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



16.2732, 26.6233, 23.6836



44.6379, 55.7521, 60.2616



13.3468, 25.5423, 4.2272



9.4405, 12.0523, 12.9714



76.7382, 80.7346, 87.9200



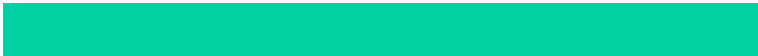
13.3056, 13.9985, 15.2444

Same Dimension

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



16.2732, 26.6233, 23.6836



29.4676, 48.3071, 42.5878



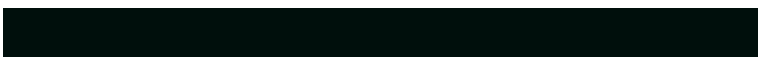
12.7466, 15.3402, 35.5480



6.7597, 7.4846, 8.1691



12.6926, 20.7450, 18.5359



0.2412, 0.3766, 0.4063

Inverse Universe

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



14.8016, 7.5957, 2.2775



26.8110, 13.7652, 3.8025



15.3501, 9.1785, 0.9631



6.6895, 6.6687, 7.2161



11.5436, 5.9220, 1.8477



0.2203, 0.1114, 0.1060

Previews

White Background



This preview shows how the XYZ color 16.2725, 26.6223, 23.6830 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 16.2725, 26.6223, 23.6830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

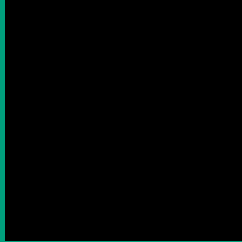
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.2725, 26.6223, 23.6830

Background



This preview shows how black text looks on a background with the XYZ color 16.2725, 26.6223, 23.6830.



This preview shows how white text looks on a background with the XYZ color 16.2725, 26.6223,

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

16.2725, 26.6223, 23.6830

Protanopia

24.6853, 26.2899, 19.9931

Deuteranopia

26.5979, 26.1078, 24.7565



Tritanopia

19.7973, 26.5542, 40.6413

Trichromacy



Original Color

16.2725, 26.6223, 23.6830



Protanomaly

18.3796, 24.5790, 21.2283



Deuteranomaly

19.1251, 24.2144, 24.0879



Tritanomaly

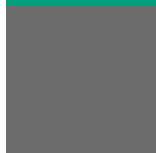
18.1210, 26.3352, 33.8339

Monochromacy



Original Color

16.2725, 26.6223, 23.6830



Achromatopsia

14.2537, 14.9960, 16.3306



Achromatomaly

13.0809, 17.6589, 18.6387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2725, 26.6223, 23.6830 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, 160, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 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, 160, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 125) }
```

Border

The CSS property to change the border of an element to XYZ 16.2725, 26.6223, 23.6830 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, 160, 125) }
```


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

```
.border{ border-color:rgb(0, 160, 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, 160, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 125);  
box-shadow:4px 4px 4px 4px rgb(0, 160,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2725, 26.6223, 23.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 125) }
```

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

```
.background{ background-color: rgb(0, 160,  
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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