

Converting Colors

XYZ(10.2025, 15.4166, 18.6576)

Have a look what the booklet for
XYZ(10.2025, 15.4166, 18.6576)
contains.

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Color

**XYZ(10.2025, 15.4166,
18.6576)**

Conversions

Conversions Part 1

Format	Color
Hex	027B73
RGB	2, 123, 115
RGB Percent	1%, 48%, 45%
CMY	0.9921, 0.5176, 0.5490
CMYK	0.98, 0.00, 0.07, 0.52
HSL	176°, 97%, 25%
HSV	176°, 98%, 48%
XYZ	10.2025, 15.4166, 18.6576
YIQ	85.9090, -69.5480, -28.1400

Conversions

Conversions Part 2

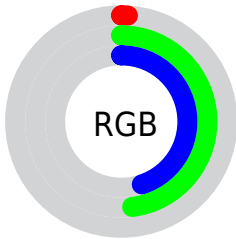
Format	Color
R_{YB}	2, 65, 123
Decimal	162675
CIE _{Lab}	46.20, -30.48, -3.85
CIE _{LCh}	46, 30.718, 187.192
Yxy	15.4166, 0.2304, 0.3482
Android (android.graphics.Color)	4278352755 (0xFF027B73)
YUV	85.9090, 14.3419, -73.5882
Hunter-Lab	39.2640, -22.3299, -0.6889

Details

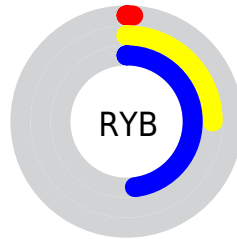
The XYZ color **10.2025, 15.4166, 18.6576** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8.2454, 4.2768, 0.6785**, and the grayscale version is **8.8083, 9.2670, 10.0917**.

A 20% lighter version of the original color is **25.8087, 35.5462, 42.0601**, and **3.3957, 5.1703, 6.1292** is the 20% darker color. If you saturate the color by 10%, you get **10.1701, 15.4011, 18.6164**, and if you desaturate by 10%, it is **10.4108, 15.5189, 18.9131**.

Distribution



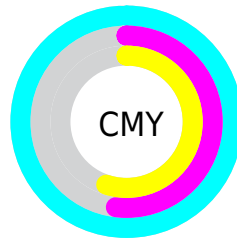
- Red (1%)
- Green (48%)
- Blue (45%)



- Red (1%)
- Yellow (25%)
- Blue (48%)



- Cyan (98%)
- Magenta (0%)
- Yellow (7%)
- Black (52%)



- Cyan (99%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2025, 15.4166, 18.6576 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 10.2025, 15.4166, 18.6576 by changing the saturation by 10% instead.

10.2025, 15.4166,
18.6576

10.2025, 15.4166,
18.6576

186.1349,
225.8741, 256.9114

5.5967, 9.1123,
11.2488

25.8219, 35.5824,
41.9837

2.6398, 4.8145,
6.1182

37.5663, 50.2126,
58.7381

0.9663, 2.1388,
2.8471

52.4209, 68.3870,
79.4447

0.0000, 0.6863,
1.0171

70.7511, 90.4898,
104.5223

0.0000, 0.0000,
0.0000

92.9222, 116.9056,
134.3891

119.2996,

148.0186, 169.4639

150.2488,
184.2133, 210.1651

■ 10.2025, 15.4166,
18.6576

■ 10.2025, 15.4166,
18.6576

■ 10.1701, 15.4011,
18.6164

■ 10.4108, 15.5189,
18.9131

■ 10.7141, 15.6698,
19.1749

■ 11.1536, 15.8908,
19.4453

■ 11.7445, 16.1898,
19.7249

■ 12.5000, 16.5737,
20.0144

■ 13.4320, 17.0485,
20.3143

■ 14.5511, 17.6197,
20.6252

■ 15.8673, 18.2924,
20.9475

■ 17.3896, 19.0714,
21.2816

Harmonies

Analogous

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



10.4833, 15.4166, 11.7924



10.2025, 15.4166, 18.6576



10.9958, 15.4166, 27.1026

Triad

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



10.2025, 15.4166, 18.6576



17.9134, 15.4166, 31.0983



16.6934, 15.4166, 6.6912

Complementary

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



10.2025, 15.4166, 18.6576



8.2454, 4.2768, 0.6785

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.



19.0426, 15.4166, 9.4891



10.2025, 15.4166, 18.6576



19.8035, 15.4166, 23.0214

Square

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



10.2025, 15.4166, 18.6576



15.2927, 15.4166, 35.5495



20.2396, 15.4166, 15.0441



14.0314, 15.4166, 6.1567

Rectangle

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



10.2025, 15.4166, 18.6576



12.0900, 15.4166, 32.0629



20.2396, 15.4166, 15.0441



17.5549, 15.4166, 7.3468

Sweetspot

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



10.2030, 15.4172, 18.6580



25.5493, 31.2924, 36.7993



7.2204, 14.2358, 2.4251



5.8503, 7.2846, 8.6209



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



10.2030, 15.4172, 18.6580



18.1909, 27.5704, 33.2281



5.8267, 5.8956, 19.5703



4.0962, 4.5081, 5.0403



10.5198, 15.9316, 19.2539



50.0567, 75.9457, 91.1914

Inverse Universe

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



8.2454, 4.2768, 0.6785



14.6857, 7.5641, 0.9913



9.5195, 6.8952, 0.8870



4.0081, 4.0189, 4.2401



8.4954, 4.3743, 0.6338



40.4069, 20.8191, 2.4067

Previews

White Background



This preview shows how the XYZ color 10.2025, 15.4166, 18.6576 looks on a white 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

Black Background



This preview shows how the XYZ color 10.2025, 15.4166, 18.6576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

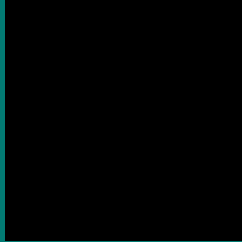
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.2025, 15.4166, 18.6576

Background



This preview shows how black text looks on a background with the XYZ color 10.2025, 15.4166, 18.6576.



This preview shows how white text looks on a background with the XYZ color 10.2025, 15.4166,

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

10.2025, 15.4166, 18.6576

Protanopia

14.8046, 15.4436, 16.1105

Deuteranopia

15.5540, 15.2848, 19.5832



Tritanopia

11.4408, 15.5746, 23.8759

Trichromacy



Original Color

10.2025, 15.4166, 18.6576

Protanomaly

11.5043, 14.5381, 16.9517

Deuteranomaly

11.8882, 14.3522, 19.2832

Tritanomaly

10.9298, 15.5382, 21.8251

Monochromacy



Original Color

10.2025, 15.4166, 18.6576

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

8.1951, 10.5990, 12.9231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2025, 15.4166, 18.6576 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(2, 123, 115)` looks like.

```
.text, #text, p{  
    color:rgb(2, 123, 115)  
}
```

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(2, 123, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 123, 115) }
```

Border

The CSS property to change the border of an element to XYZ 10.2025, 15.4166, 18.6576 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(2, 123, 115) }
```


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

```
.border{ border-color:rgb(2, 123, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 123, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 123, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 123, 115);  
box-shadow:4px 4px 4px 4px rgb(2, 123,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 10.2025, 15.4166, 18.6576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 123, 115) }
```

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

```
.background{ background-color: rgb(2, 123,  
115) }
```

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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