

Converting Colors

XYZ(10.6555, 16.7726, 16.4576)

Have a look what the booklet for
XYZ(10.6555, 16.7726, 16.4576)
contains.

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Color

**XYZ(10.7353, 16.8812,
16.6025)**

Conversions

Conversions Part 1

Format	Color
Hex	11816B
RGB	17, 129, 107
RGB Percent	7%, 51%, 42%
CMY	0.9333, 0.4941, 0.5804
CMYK	0.87, 0.00, 0.17, 0.49
HSL	168°, 77%, 29%
HSV	168°, 87%, 51%
XYZ	10.7353, 16.8812, 16.6025
YIQ	93.0040, -59.6900, -30.5860

Conversions

Conversions Part 2

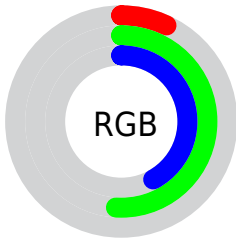
Format	Color
RYB	17, 79, 129
Decimal	1147243
CIELab	48.11, -34.64, 3.69
CIELCh	48, 34.840, 173.927
Yxy	16.8812, 0.2428, 0.3818
Android (android.graphics.Color)	4279337323 (0xFF11816B)
YUV	93.0040, 6.9000, -66.6555
Hunter-Lab	41.0867, -25.2626, 4.8026

Details

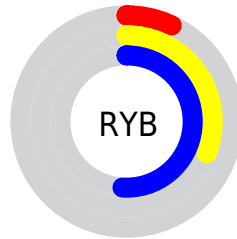
The XYZ color **10.7353, 16.8812, 16.6025** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9.6206, 5.2151, 2.4201**, and the grayscale version is **10.4007, 10.9424, 11.9163**.

A 20% lighter version of the original color is **26.8514, 38.2669, 38.3188**, and **3.6116, 5.9182, 5.2269** is the 20% darker color. If you saturate the color by 10%, you get **10.4244, 16.7365, 15.9024**, and if you desaturate by 10%, it is **11.1726, 17.0914, 17.3297**.

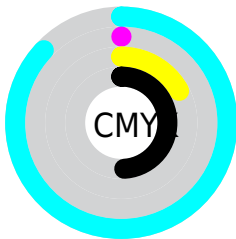
Distribution



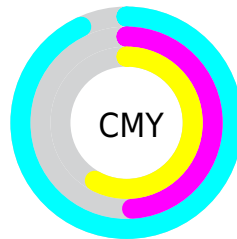
- Red (7%)
- Green (51%)
- Blue (42%)



- Red (7%)
- Yellow (31%)
- Blue (51%)



- Cyan (87%)
- Magenta (0%)
- Yellow (17%)
- Black (49%)





- Cyan (93%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.7353, 16.8812, 16.6025 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 10.7353, 16.8812, 16.6025 by changing the saturation by 10% instead.


 10.7353, 16.8812,
16.6025


 10.7353, 16.8812,
16.6025


189.7885,
234.4868, 244.8371


 5.9551, 10.1498,
9.7925


 26.8070, 38.1214,
38.4223


 2.8582, 5.4984,
5.1578

 38.8291, 53.3990,
54.2692


 1.0792, 2.5426,
2.2798

 53.9960, 72.2942,
73.9655

 0.0076, 0.8979,
0.7199

 72.6730, 95.1913,
97.9298

 0.0000, 0.0000,
0.0000

 95.2253, 122.4747,
126.5805

 122.0185,

154.5288, 160.3363

153.4177,
191.7381, 199.6156

■ 10.7353, 16.8812,
16.6025

■ 10.7353, 16.8812,
16.6025

■ 10.4244, 16.7365,
15.9024

■ 11.1726, 17.0914,
17.3297

■ 10.3319, 16.6936,
15.6837

■ 11.7674, 17.3820,
18.0844

■ 12.5371, 17.7622,
18.8681

■ 13.4963, 18.2397,
19.6815

■ 14.6582, 18.8212,
20.5255

■ 16.0347, 19.5128,
21.4008

■ 17.6367, 20.3203,
22.3081

■ 19.4745, 21.2488,
23.2479

■ 21.5577, 22.3034,
24.2209

Harmonies

Analogous

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



11.6228, 16.8812, 9.9286



10.7353, 16.8812, 16.6025



11.1125, 16.8812, 26.3692

Triad

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



10.7353, 16.8812, 16.6025



18.6344, 16.8812, 39.2845



19.8904, 16.8812, 7.6076

Complementary

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



10.7353, 16.8812, 16.6025



9.6206, 5.2151, 2.4201

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.



22.2562, 16.8812, 12.1945



10.7353, 16.8812, 16.6025



21.4671, 16.8812, 30.6317

Square

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



10.7353, 16.8812, 16.6025



15.4115, 16.8812, 41.6467



22.8680, 16.8812, 20.2817



16.6958, 16.8812, 5.9487

Rectangle

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



10.7353, 16.8812, 16.6025



12.0590, 16.8812, 33.2670



22.8680, 16.8812, 20.2817



20.8249, 16.8812, 8.7676

Sweetspot

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



10.7358, 16.8819, 16.6029



28.7681, 34.9695, 38.3555



8.8041, 16.1809, 3.1900



6.3428, 7.8303, 8.5790



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



10.7358, 16.8819, 16.6029



18.4480, 29.8721, 27.8029



8.3227, 9.9618, 22.2537



4.4114, 4.8729, 5.3374



10.0749, 16.2765, 15.2990



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.6206, 5.2151, 2.4201



16.4878, 8.4680, 2.2089



10.3216, 7.0414, 1.3459



4.3597, 4.3570, 4.6984



9.0030, 4.6209, 1.3398



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.7353, 16.8812, 16.6025 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 10.7353, 16.8812, 16.6025 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 10.7353, 16.8812, 16.6025

Background



This preview shows how black text looks on a background with the XYZ color 10.7353, 16.8812, 16.6025.

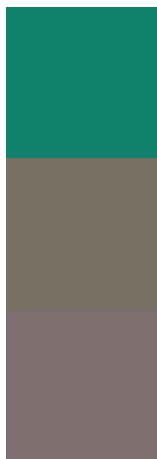


This preview shows how white text looks on a background with the XYZ color 10.7353, 16.8812,

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

10.7353, 16.8812, 16.6025

Protanopia

15.7650, 16.6330, 14.1840

Deuteranopia

16.9026, 16.6595, 17.3637



Tritanopia

12.5819, 16.8676, 25.5143

Trichromacy



Original Color

10.7353, 16.8812, 16.6025

Protanomaly

12.4748, 15.9468, 14.9909

Deuteranomaly

13.0135, 15.8268, 17.1208

Tritanomaly

11.7582, 16.7095, 22.0076

Monochromacy



Original Color

10.7353, 16.8812, 16.6025

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

9.5386, 12.3137, 13.4293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7353, 16.8812, 16.6025 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(17, 129, 107)` looks like.

```
.text, #text, p{  
    color:rgb(17, 129, 107)  
}
```

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(17, 129, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 129, 107) }
```

Border

The CSS property to change the border of an element to XYZ 10.7353, 16.8812, 16.6025 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(17, 129, 107) }
```


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

```
.border{ border-color:rgb(17, 129, 107) }
```

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

Here you see how a box with a 4 pixel rgb(17, 129, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 129, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 129, 107);  
box-shadow:4px 4px 4px 4px rgb(17, 129,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7353, 16.8812, 16.6025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 129, 107) }
```

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

```
.background{ background-color: rgb(17, 129,  
107) }
```

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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