

Converting Colors

XYZ(10.7429, 18.4547, 11.5850)

Have a look what the booklet for
XYZ(10.7429, 18.4547, 11.5850)
contains.

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Color

**XYZ(10.7124, 18.4026,
11.5818)**

Conversions

Conversions Part 1

Format	Color
Hex	138855
RGB	19, 136, 85
RGB Percent	7%, 53%, 33%
CMY	0.9255, 0.4667, 0.6667
CMYK	0.86, 0.00, 0.37, 0.47
HSL	154°, 75%, 30%
HSV	154°, 86%, 53%
XYZ	10.7124, 18.4026, 11.5818
YIQ	95.2030, -53.3610, -40.6650

Conversions

Conversions Part 2

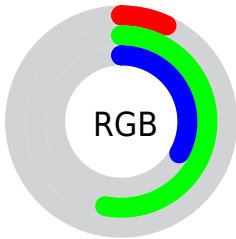
Format	Color
R_{YB}	19, 94, 136
Decimal	1280085
CIE _{Lab}	49.98, -42.88, 19.00
CIE _{LCh}	50, 46.900, 156.105
Yxy	18.4026, 0.2632, 0.4522
Android (android.graphics.Color)	4279470165 (0xFF138855)
YUV	95.2030, -5.0301, -66.8300
Hunter-Lab	42.8983, -30.4976, 14.0215

Details

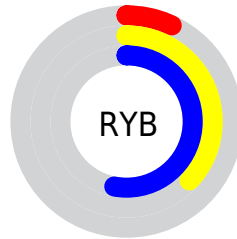
The XYZ color **10.7124, 18.4026, 11.5818** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11.4923, 6.1426, 6.3752**, and the grayscale version is **10.9474, 11.5175, 12.5425**.

A 20% lighter version of the original color is **26.7171, 40.6024, 29.3506**, and **3.6147, 6.6435, 3.0113** is the 20% darker color. If you saturate the color by 10%, you get **10.2861, 18.2094, 10.3837**, and if you desaturate by 10%, it is **11.3044, 18.6799, 12.8915**.

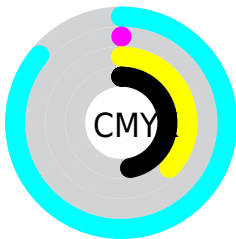
Distribution



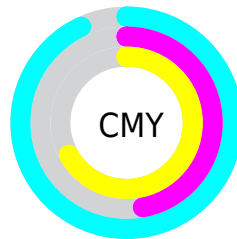
- Red (7%)
- Green (53%)
- Blue (33%)



- Red (7%)
- Yellow (37%)
- Blue (53%)



- Cyan (86%)
- Magenta (0%)
- Yellow (37%)
- Black (47%)




- Cyan (93%)
- Magenta (47%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.7124, 18.4026, 11.5818 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 10.7124, 18.4026, 11.5818 by changing the saturation by 10% instead.


 10.7124, 18.4026,
11.5818


 10.7124, 18.4026,
11.5818


189.6330,
243.1306, 212.4954


 5.9397, 11.2394,
6.3405


 26.7648, 40.7222,
29.3840


 2.8487, 6.2281,
2.9811

 38.7752, 56.6473,
42.7821


 1.0743, 2.9843,
1.0850

 53.9288, 76.2619,
59.7361

 0.0034, 1.1235,
0.0000

 72.5910, 99.9504,
80.6647

 0.0000, 0.0000,
0.0000

 95.1272, 128.0971,
105.9864

 121.9026,

161.0865, 136.1197

153.2828,
199.3028, 171.4832

■ 10.7124, 18.4026,
11.5818

■ 10.7124, 18.4026,
11.5818

■ 10.2861, 18.2094,
10.3837

■ 11.3044, 18.6799,
12.8915

■ 10.1341, 18.1408,
9.9363

■ 12.0915, 19.0550,
14.3154

■ 13.0937, 19.5386,
15.8572

■ 14.3280, 20.1393,
17.5200

■ 15.8096, 20.8651,
19.3066

■ 17.5523, 21.7230,
21.2199

■ 19.5691, 22.7195,
23.2625

■ 21.8718, 23.8609,
25.4371

■ 24.4717, 25.1528,
27.7461

Harmonies

Analogous

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



12.8715, 18.4026, 5.9434



10.7124, 18.4026, 11.5818



10.2206, 18.4026, 22.7900

Triad

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



10.7124, 18.4026, 11.5818



18.4276, 18.4026, 56.1613



25.4554, 18.4026, 8.6943

Complementary

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



10.7124, 18.4026, 11.5818



11.4923, 6.1426, 6.3752

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.



27.5834, 18.4026, 17.5157



10.7124, 18.4026, 11.5818



23.1018, 18.4026, 47.4702

Square

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



10.7124, 18.4026, 11.5818



14.2149, 18.4026, 52.3095



26.6556, 18.4026, 31.8457



21.2357, 18.4026, 4.8466

Rectangle

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



10.7124, 18.4026, 11.5818



10.8144, 18.4026, 33.0397



26.6556, 18.4026, 31.8457



26.4693, 18.4026, 10.9912

Sweetspot

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



10.7129, 18.4033, 11.5822



30.7541, 38.1935, 37.2073



11.5688, 19.0204, 3.6779



6.9000, 8.7356, 8.3788



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



10.7129, 18.4033, 11.5822



17.7797, 31.9367, 17.0947



12.7157, 17.9220, 26.0825



5.0822, 5.6524, 5.9541



9.5960, 17.1710, 9.4290



0.0711, 0.1170, 0.1014

Inverse Universe

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



11.4923, 6.1426, 6.3752



19.2221, 9.7559, 7.8355



10.6158, 5.9705, 1.2092



5.1175, 5.0824, 5.7072



10.3685, 5.2575, 4.4450



0.0760, 0.0378, 0.0671

Previews

White Background



This preview shows how the XYZ color 10.7124, 18.4026, 11.5818 looks on a white background.

Color Contrast Check

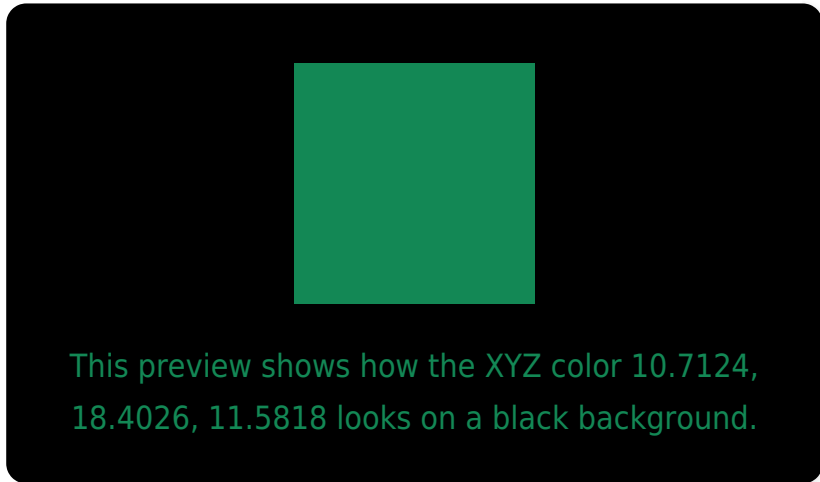
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 10.7124, 18.4026, 11.5818

Background



This preview shows how black text looks on a background with the XYZ color 10.7124, 18.4026, 11.5818.



This preview shows how white text looks on a background with the XYZ color 10.7124, 18.4026,

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

10.7124, 18.4026, 11.5818

Protanopia

16.7557, 18.0961, 9.8175

Deuteranopia

18.3981, 18.0374, 12.1847



Tritanopia

13.9491, 18.2978, 27.6076

Trichromacy



Original Color

10.7124, 18.4026, 11.5818



Protanomaly

12.8433, 17.3360, 10.4539



Deuteranomaly

13.3181, 16.8122, 11.7757



Tritanomaly

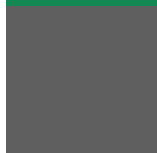
12.4781, 18.2899, 20.6419

Monochromacy



Original Color

10.7124, 18.4026, 11.5818



Achromatopsia

10.8771, 11.4435, 12.4620



Achromatomaly

9.7790, 13.1005, 11.9108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7124, 18.4026, 11.5818 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(19, 136, 85)` looks like.

```
.text, #text, p{  
    color:rgb(19, 136, 85)  
}
```

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(19, 136, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 136, 85) }
```

Border

The CSS property to change the border of an element to XYZ 10.7124, 18.4026, 11.5818 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(19, 136, 85) }
```


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

```
.border{ border-color:rgb(19, 136, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 136, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 136, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 136, 85);  
box-shadow:4px 4px 4px 4px rgb(19, 136,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7124, 18.4026, 11.5818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 136, 85) }
```

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

```
.background{ background-color: rgb(19, 136,  
85) }
```

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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