

Converting Colors

XYZ(10.7253, 18.7572, 11.0155)

Have a look what the booklet for
XYZ(10.7253, 18.7572, 11.0155)
contains.

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Color

**XYZ(10.7926, 18.8795,
11.0579)**

Conversions

Conversions Part 1

Format	Color
Hex	0E8A52
RGB	14, 138, 82
RGB Percent	5%, 54%, 32%
CMY	0.9451, 0.4588, 0.6784
CMYK	0.90, 0.00, 0.41, 0.46
HSL	153°, 82%, 30%
HSV	153°, 90%, 54%
XYZ	10.7926, 18.8795, 11.0579
YIQ	94.5400, -55.9280, -43.7040

Conversions

Conversions Part 2

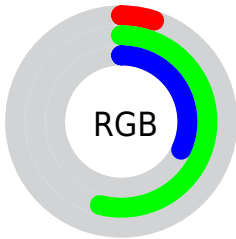
Format	Color
R_{YB}	14, 94, 138
Decimal	952914
CIE _{Lab}	50.55, -44.71, 21.42
CIE _{LCh}	51, 49.582, 154.401
Yxy	18.8795, 0.2650, 0.4635
Android (android.graphics.Color)	4279142994 (0xFF0E8A52)
YUV	94.5400, -6.1822, -70.6336
Hunter-Lab	43.4505, -31.7012, 15.3264

Details

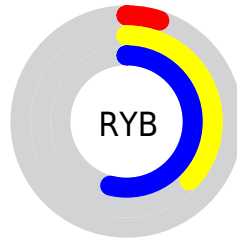
The XYZ color **10.7926, 18.8795, 11.0579** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **11.7445, 6.1601, 6.3659**, and the grayscale version is **10.7920, 11.3541, 12.3646**.

A 20% lighter version of the original color is **26.8522, 41.3437, 28.3947**, and **3.7266, 6.9438, 2.8129** is the 20% darker color. If you saturate the color by 10%, you get **10.3879, 18.6975, 9.8569**, and if you desaturate by 10%, it is **11.3337, 19.1303, 12.3786**.

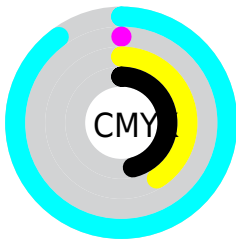
Distribution



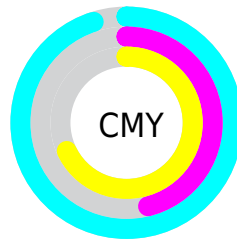
- Red (5%)
- Green (54%)
- Blue (32%)



- Red (5%)
- Yellow (37%)
- Blue (54%)



- Cyan (90%)
- Magenta (0%)
- Yellow (41%)
- Black (46%)





- Cyan (95%)
- Magenta (46%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.7926, 18.8795, 11.0579 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 10.7926, 18.8795, 11.0579 by changing the saturation by 10% instead.


 10.7926, 18.8795,
11.0579


 10.7926, 18.8795,
11.0579


190.1769,
245.7827, 208.8160


 5.9938, 11.5832,
5.9911


 26.9124, 41.5304,
28.4055


 2.8819, 6.4606,
2.7710


 38.9641, 57.6538,
41.5234


 1.0916, 3.1271,
0.9789

 54.1641, 77.4884,
58.1620

 0.0181, 1.1984,
0.0000

 72.8778, 101.4185,
78.7400

 0.0000, 0.0604,
0.0000

 95.4706, 129.8287,
103.6759

 0.0000, 0.0000,
0.0000

 122.3078,

163.1031, 133.3881

153.7548,
201.6264, 168.2953

■ 10.7926, 18.8795,
11.0579

■ 10.7926, 18.8795,
11.0579

■ 10.3879, 18.6975,
9.8569

■ 11.3337, 19.1303,
12.3786

■ 10.3820, 18.6949,
9.8396

■ 12.0691, 19.4782,
13.8234

■ 13.0211, 19.9351,
15.3965

■ 14.2082, 20.5106,
17.1014

■ 15.6469, 21.2130,
18.9415

■ 17.3521, 22.0501,
20.9199

■ 19.3375, 23.0287,
23.0398

■ 21.6159, 24.1555,
25.3041

■ 24.1993, 25.4366,
27.7157

Harmonies

Analogous

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



13.1837, 18.8795, 5.4760



10.7926, 18.8795, 11.0579



10.1735, 18.8795, 22.6700

Triad

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



10.7926, 18.8795, 11.0579



18.6679, 18.8795, 60.2216



26.7696, 18.8795, 8.8767

Complementary

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



10.7926, 18.8795, 11.0579



11.7445, 6.1601, 6.3659

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.



28.9134, 18.8795, 18.5787



10.7926, 18.8795, 11.0579



23.7320, 18.8795, 51.3184

Square

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



10.7926, 18.8795, 11.0579



14.2165, 18.8795, 55.1743



27.7127, 18.8795, 34.3553



22.2728, 18.8795, 4.6723

Rectangle

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



10.7926, 18.8795, 11.0579



10.7341, 18.8795, 33.6487



27.7127, 18.8795, 34.3553



27.8227, 18.8795, 11.3955

Sweetspot

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



10.7931, 18.8803, 11.0583



31.3359, 39.2353, 37.7006



11.8311, 19.5821, 3.5719



6.8154, 8.6954, 8.2208



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.



10.7931, 18.8803, 11.0583



18.2191, 32.9197, 16.9200



13.2759, 18.9425, 27.0022



5.0790, 5.6511, 5.9373



9.5259, 17.1430, 9.0603



0.0707, 0.1168, 0.0991

Inverse Universe

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



11.7445, 6.1601, 6.3659



19.9460, 10.1126, 8.6104



10.7795, 5.8724, 0.9811



5.1206, 5.0837, 5.7237



10.4225, 5.2791, 4.7291



0.0765, 0.0380, 0.0694

Previews

White Background



This preview shows how the XYZ color 10.7926, 18.8795, 11.0579 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 10.7926, 18.8795, 11.0579 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 10.7926, 18.8795, 11.0579

Background



This preview shows how black text looks on a background with the XYZ color 10.7926, 18.8795, 11.0579.



This preview shows how white text looks on a background with the XYZ color 10.7926, 18.8795,

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

10.7926, 18.8795, 11.0579

Protanopia

17.1924, 18.6868, 9.3574

Deuteranopia

19.0064, 18.7004, 11.6246



Tritanopia

14.4150, 18.9157, 28.4825

Trichromacy



Original Color

10.7926, 18.8795, 11.0579



Protanomaly

12.9890, 17.8035, 9.9596



Deuteranomaly

13.4420, 17.2547, 11.2164



Tritanomaly

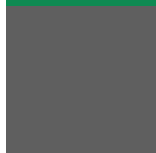
12.7146, 18.8183, 20.7315

Monochromacy



Original Color

10.7926, 18.8795, 11.0579



Achromatopsia

10.8771, 11.4435, 12.4620



Achromatomaly

9.7767, 13.2653, 11.7180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7926, 18.8795, 11.0579 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(14, 138, 82)` looks like.

```
.text, #text, p{  
    color:rgb(14, 138, 82)  
}
```

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(14, 138, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 138, 82) }
```

Border

The CSS property to change the border of an element to XYZ 10.7926, 18.8795, 11.0579 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(14, 138, 82) }
```


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

```
.border{ border-color:rgb(14, 138, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 138, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 138, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 138, 82);  
box-shadow:4px 4px 4px 4px rgb(14, 138,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7926, 18.8795, 11.0579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 138, 82) }
```

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

```
.background{ background-color: rgb(14, 138,  
82) }
```

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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