

Converting Colors

XYZ(19.2756, 18.5718, 8.6571)

Have a look what the booklet for
XYZ(19.2756, 18.5718, 8.6571)
contains.

XYZ(19.2876, 18.5740, 8.6995)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.2876, 18.5740,
8.6995)**

Conversions

Conversions Part 1

Format	Color
Hex	947148
RGB	148, 113, 72
RGB Percent	58%, 44%, 28%
CMY	0.4196, 0.5568, 0.7176
CMYK	0.00, 0.24, 0.51, 0.42
HSL	32°, 35%, 43%
HSV	32°, 51%, 58%
XYZ	19.2876, 18.5740, 8.6995
YIQ	118.7910, 34.0210, -5.3310

Conversions

Conversions Part 2

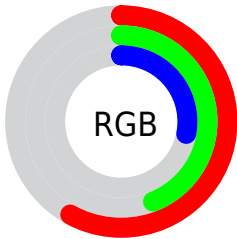
Format	Color
R_YB	137, 148, 72
Decimal	9728328
CIE _{Lab}	50.19, 8.54, 27.97
CIE _{LCh}	50, 29.246, 73.020
Yxy	18.5740, 0.4142, 0.3989
Android (android.graphics.Color)	4287918408 (0xFF947148)
YUV	118.7910, -23.0680, 25.6163
Hunter-Lab	43.0976, 4.4640, 18.2003

Details

The XYZ color **19.2876, 18.5740, 8.6995** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.2754, 14.0308, 30.0256**, and the grayscale version is **17.5319, 18.4450, 20.0866**.

A 20% lighter version of the original color is **41.8082, 41.1281, 23.8242**, and **6.8074, 6.2926, 1.8927** is the 20% darker color. If you saturate the color by 10%, you get **18.1298, 16.9403, 6.2116**, and if you desaturate by 10%, it is **20.6197, 20.3702, 11.8194**.

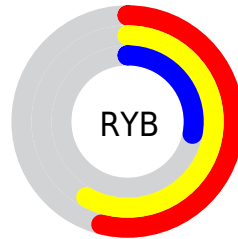
Distribution



Red (58%)

Green (44%)

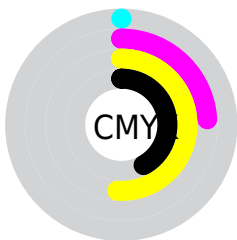
Blue (28%)



Red (54%)

Yellow (58%)

Blue (28%)

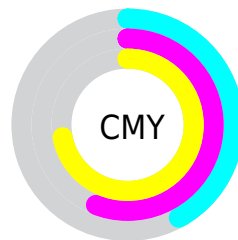


Cyan (0%)

Magenta (24%)

Yellow (51%)

Black (42%)



Cyan (42%)

Magenta (56%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2876, 18.5740, 8.6995 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 19.2876, 18.5740, 8.6995 by changing the saturation by 10% instead.

■ 19.2876, 18.5740,
8.6995

■ 19.2876, 18.5740,
8.6995

240.9397,
244.0868, 191.2549

■ 11.9835, 11.3629,
4.4516

■ 41.7326, 41.0130,
23.8872

■ 6.8046, 6.3115,
1.8762

■ 57.6043, 57.0097,
35.6640

■ 3.3854, 3.0354,
0.4775

■ 77.0625, 76.7036,
50.7875

■ 1.3607, 1.1502,
0.0000

■ 100.4727,
100.4793, 69.6763

■ 0.2280, 0.0205,
0.0000

■ 128.2001,
128.7211, 92.7489

■ 0.0000, 0.0000,
0.0000

160.6102,

161.8133, 120.4239

198.0682,
200.1404, 153.1197

■ 19.2876, 18.5740,
8.6995

■ 19.2876, 18.5740,
8.6995

■ 18.1298, 16.9403,
6.2116

■ 20.6197, 20.3702,
11.8194

■ 17.1352, 15.4605,
4.3094

■ 22.1335, 22.3317,
15.6109

■ 16.2933, 14.1292,
2.9422

■ 23.8377, 24.4646,
20.1115

■ 15.5914, 12.9390,
2.0498

■ 25.7400, 26.7737,
25.3556

■ 15.0703, 12.0110,
1.5241

■ 27.8473, 29.2635,
31.3755

■ 30.1666, 31.9387,
38.2014

■ 32.7041, 34.8033,
45.8619

■ 35.4662, 37.8615,
54.3844

■ 38.4585, 41.1173,
63.7947

Harmonies

Analogous

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



21.9286, 18.5740, 11.3619



19.2876, 18.5740, 8.6995



16.4588, 18.5740, 8.5420

Triad

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



19.2876, 18.5740, 8.6995



12.8748, 18.5740, 23.9334



21.6235, 18.5740, 33.8560

Complementary

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



19.2876, 18.5740, 8.6995



13.2754, 14.0308, 30.0256

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.



18.9058, 18.5740, 39.4720



19.2876, 18.5740, 8.6995



13.9745, 18.5740, 32.7961

Square

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



19.2876, 18.5740, 8.6995



12.9537, 18.5740, 16.0142



16.1154, 18.5740, 39.0393



23.3727, 18.5740, 25.1134

Rectangle

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



19.2876, 18.5740, 8.6995



14.8575, 18.5740, 9.7869



16.1154, 18.5740, 39.0393



20.7812, 18.5740, 36.2648

Sweetspot

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



19.2881, 18.5749, 8.6999



44.0488, 45.5941, 40.9241



17.2087, 12.0022, 15.4489



9.9086, 10.2299, 8.9372



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.2881, 18.5749, 8.6999



31.6363, 29.3769, 10.2499



23.5192, 27.7100, 10.2401



6.0444, 6.3026, 6.1384



12.8999, 10.3142, 1.3109



0.1874, 0.1853, 0.0259

Inverse Universe

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



13.2754, 14.0308, 30.0256



19.7798, 20.4269, 52.3349



10.5282, 8.2502, 29.0546



5.7064, 6.0467, 7.3361



6.3660, 5.4268, 24.6430



0.1069, 0.1243, 0.3113

Previews

White Background



This preview shows how the XYZ color 19.2876, 18.5740, 8.6995 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 19.2876, 18.5740, 8.6995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

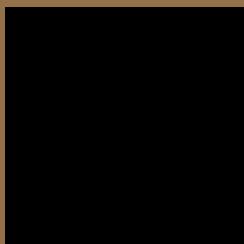
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.2876, 18.5740, 8.6995

Background



This preview shows how black text looks on a background with the XYZ color 19.2876, 18.5740, 8.6995.



This preview shows how white text looks on a background with the XYZ color 19.2876, 18.5740,

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

19.2876, 18.5740, 8.6995

Protanopia

17.3465, 18.7662, 9.3646

Deuteranopia

18.8641, 18.5222, 8.7118



Tritanopia

21.4638, 18.6615, 18.9938

Trichromacy



Original Color

19.2876, 18.5740, 8.6995

Protanomaly

17.9138, 18.5354, 9.1121

Deuteranomaly

19.0411, 18.6135, 8.7201

Tritanomaly

20.6387, 18.6513, 14.5689

Monochromacy



Original Color

19.2876, 18.5740, 8.6995

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.9655, 18.4277, 15.1804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2876, 18.5740, 8.6995 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(148, 113, 72)` looks like.

```
.text, #text, p{  
    color:rgb(148, 113, 72)  
}
```

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(148, 113, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 113, 72) }
```

Border

The CSS property to change the border of an element to XYZ 19.2876, 18.5740, 8.6995 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(148, 113, 72) }
```


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

```
.border{ border-color:rgb(148, 113, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 113, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 113, 72); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 113, 72); box-shadow:4px 4px 4px 4px rgb(148, 113, 72) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2876, 18.5740, 8.6995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 113, 72) }
```

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

```
.background{ background-color: rgb(148,  
113, 72) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor