

Converting Colors

XYZ(20.7487, 20.1443, 18.8125)

Have a look what the booklet for
XYZ(20.7487, 20.1443, 18.8125)
contains.

XYZ(20.7894, 20.1593, 18.7150)	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(20.7894, 20.1593,
18.7150)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7772
RGB	142, 119, 114
RGB Percent	56%, 47%, 45%
CMY	0.4431, 0.5333, 0.5529
CMYK	0.00, 0.16, 0.20, 0.44
HSL	11°, 11%, 50%
HSV	11°, 20%, 56%
XYZ	20.7894, 20.1593, 18.7150
YIQ	125.3070, 15.3130, 3.3210

Conversions

Conversions Part 2

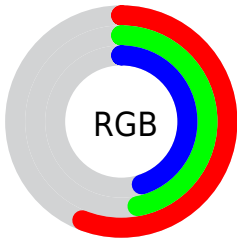
Format	Color
R_{YB}	142, 120, 114
Decimal	9336690
CIE _{Lab}	52.02, 8.08, 6.07
CIE _{LCh}	52, 10.107, 36.910
Yxy	20.1593, 0.3484, 0.3379
Android (android.graphics.Color)	4287526770 (0xFF8E7772)
YUV	125.3070, -5.5744, 14.6398
Hunter-Lab	44.8991, 4.0765, 6.7159

Details

The XYZ color **20.7894, 20.1593, 18.7150** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.7674, 23.4212, 29.0175**, and the grayscale version is **19.6115, 20.6328, 22.4691**.

A 20% lighter version of the original color is **44.2108, 43.6148, 42.1647**, and **7.5510, 7.1240, 6.1313** is the 20% darker color. If you saturate the color by 10%, you get **18.7393, 17.2536, 14.3487**, and if you desaturate by 10%, it is **23.1365, 23.4578, 23.7999**.

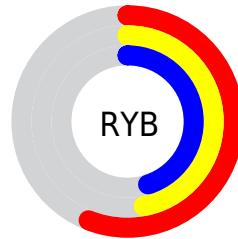
Distribution



Red (56%)

Green (47%)

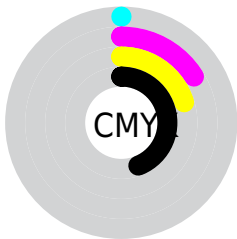
Blue (45%)



Red (56%)

Yellow (47%)

Blue (45%)

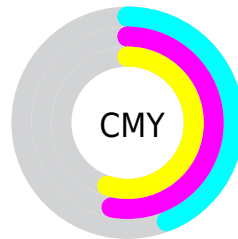


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (44%)



Cyan (44%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7894, 20.1593, 18.7150 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 20.7894, 20.1593, 18.7150 by changing the saturation by 10% instead.

■ 20.7894, 20.1593,
18.7150

■ 20.7894, 20.1593,
18.7150

248.9101,
252.7762, 257.2409

■ 13.0817, 12.5109,
11.2898

■ 44.2307, 43.6841,
42.0822

■ 7.5622, 7.0926,
6.1455

■ 60.6950, 60.3293,
58.8613

■ 3.8656, 3.5201,
2.8635

■ 80.8090, 80.7422,
79.5955

■ 1.6264, 1.4089,
1.0254

■ 104.9379,
105.3072, 104.7032

■ 0.4095, 0.2233,
0.0000

133.4471,
134.4087, 134.6031

■ 0.0000, 0.0000,
0.0000

166.7019,

168.4311, 169.7137

205.0678,
207.7588, 210.4534

■ 20.7894, 20.1593,
18.7150

■ 20.7894, 20.1593,
18.7150

■ 18.7393, 17.2536,
14.3487

■ 23.1365, 23.4578,
23.7999

■ 16.9726, 14.7233,
10.6673

■ 25.7901, 27.1601,
29.6324

■ 15.4771, 12.5538,
7.6363

■ 28.7615, 31.2802,
36.2418

■ 14.2391, 10.7285,
5.2175

■ 32.0608, 35.8308,
43.6550

■ 13.2436, 9.2296,
3.3690

■ 35.6976, 40.8239,
51.8979

■ 12.4741, 8.0373,
2.0434

■ 39.6812, 46.2709,
60.9951

■ 11.9117, 7.1300,
1.1856

■ 44.0205, 52.1830,
70.9703

■ 11.5204, 6.4772,
0.6545

■ 48.7241, 58.5710,
81.8462

■ 11.5110, 6.4620,
0.6406

■ 53.8003, 65.4451,
93.6446

Harmonies

Analogous

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



21.1962, 20.1593, 21.2743



20.7894, 20.1593, 18.7150



19.9485, 20.1593, 17.1323

Triad

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



20.7894, 20.1593, 18.7150



17.3951, 20.1593, 19.7987



19.4002, 20.1593, 28.0800

Complementary

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



20.7894, 20.1593, 18.7150



20.7674, 23.4212, 29.0175

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.



18.3941, 20.1593, 27.5956



20.7894, 20.1593, 18.7150



17.2601, 20.1593, 22.6400

Square

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



20.7894, 20.1593, 18.7150



17.9952, 20.1593, 17.7177



17.6196, 20.1593, 25.5379



20.3757, 20.1593, 26.8079

Rectangle

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



20.7894, 20.1593, 18.7150



19.2678, 20.1593, 16.7566



17.6196, 20.1593, 25.5379



19.0542, 20.1593, 28.1189

Sweetspot

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



20.7899, 20.1602, 18.7154



42.4170, 43.6280, 45.5099



21.7122, 19.6014, 26.4318



9.4179, 9.6661, 10.0418



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.7899, 20.1602, 18.7154



34.8683, 33.0156, 29.1668



22.5348, 23.6498, 19.2970



5.4820, 5.5703, 5.6756



10.3455, 5.8227, 0.5786



0.1106, 0.0790, 0.0094

Inverse Universe

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



20.7674, 23.4212, 29.0175



34.8190, 39.9230, 50.9986



18.9465, 19.7794, 28.4106



5.4795, 5.9547, 6.8893



10.0686, 13.1231, 24.9794



0.1101, 0.1532, 0.2434

Previews

White Background



This preview shows how the XYZ color 20.7894, 20.1593, 18.7150 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 20.7894, 20.1593, 18.7150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

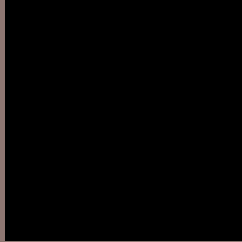
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.7894, 20.1593, 18.7150

Background



This preview shows how black text looks on a background with the XYZ color 20.7894, 20.1593, 18.7150.



This preview shows how white text looks on a background with the XYZ color 20.7894, 20.1593,

18.7150.

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

20.7894, 20.1593, 18.7150

Protanopia

19.3206, 20.2889, 19.7275

Deuteranopia

20.5690, 20.2233, 18.7390



Tritanopia

21.6288, 20.1582, 22.4896

Trichromacy



Original Color

20.7894, 20.1593, 18.7150

Protanomaly

19.7848, 20.1666, 19.3728

Deuteranomaly

20.7382, 20.3106, 18.7469

Tritanomaly

21.3190, 20.2016, 21.1880

Monochromacy



Original Color

20.7894, 20.1593, 18.7150

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.8942, 20.3717, 20.9728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7894, 20.1593, 18.7150 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(142, 119, 114)` looks like.

```
.text, #text, p{  
    color:rgb(142, 119, 114)  
}
```

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(142, 119, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 119, 114) }
```

Border

The CSS property to change the border of an element to XYZ 20.7894, 20.1593, 18.7150 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(142, 119, 114) }
```


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

```
.border{ border-color:rgb(142, 119, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 119, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 119, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 119, 114);  
box-shadow:4px 4px 4px 4px rgb(142, 119,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7894, 20.1593, 18.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 119, 114) }
```

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

```
.background{ background-color: rgb(142,  
119, 114) }
```

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