

Converting Colors

XYZ(21.1393, 17.5289, 14.1933)

Have a look what the booklet for
XYZ(21.1393, 17.5289, 14.1933)
contains.

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Color

**XYZ(21.2039, 17.5791,
14.0799)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6563
RGB	159, 101, 99
RGB Percent	62%, 40%, 39%
CMY	0.3765, 0.6039, 0.6118
CMYK	0.00, 0.36, 0.38, 0.38
HSL	2°, 24%, 51%
HSV	2°, 38%, 62%
XYZ	21.2039, 17.5791, 14.0799
YIQ	118.1140, 35.2100, 11.6740

Conversions

Conversions Part 2

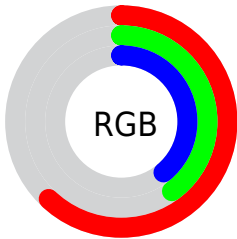
Format	Color
R _Y B	159, 101, 99
Decimal	10446179
CIE Lab	48.98, 23.15, 10.90
CIE LCh	49, 25.591, 25.210
Yxy	17.5791, 0.4011, 0.3325
Android (android.graphics.Color)	4288636259 (0xFF9F6563)
YUV	118.1140, -9.4232, 35.8570
Hunter-Lab	41.9274, 16.8995, 9.4387

Details

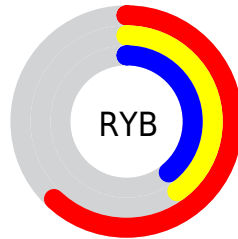
The XYZ color **21.2039, 17.5791, 14.0799** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.4602, 29.2688, 37.2140**, and the grayscale version is **17.2768, 18.1766, 19.7943**.

A 20% lighter version of the original color is **44.9206, 39.4315, 34.0976**, and **7.7414, 5.8065, 4.0809** is the 20% darker color. If you saturate the color by 10%, you get **19.1621, 14.5945, 10.0111**, and if you desaturate by 10%, it is **23.6754, 21.1835, 19.0307**.

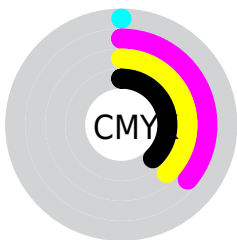
Distribution



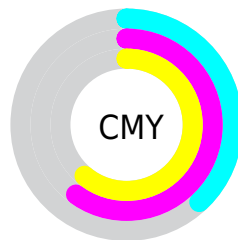
- Red (62%)
- Green (40%)
- Blue (39%)



- Red (62%)
- Yellow (40%)
- Blue (39%)



- Cyan (0%)
- Magenta (36%)
- Yellow (38%)
- Black (38%)



- Cyan (38%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2039, 17.5791, 14.0799 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 21.2039, 17.5791, 14.0799 by changing the saturation by 10% instead.

■ 21.2039, 17.5791,
14.0799

■ 21.2039, 17.5791,
14.0799

251.0714,
238.4878, 229.1730

■ 13.3864, 10.6482,
8.0369

■ 44.9154, 39.3188,
33.9499

■ 7.7740, 5.8308,
4.0304

■ 61.5401, 54.8964,
48.6139

■ 4.0013, 2.7425,
1.6421

■ 81.8312, 74.1251,
66.9888

■ 1.7029, 0.9988,
0.3206

■ 106.1542, 97.3892,
89.4929

■ 0.4581, 0.0000,
0.0000

134.8744,
125.0731, 116.5448

■ 0.0000, 0.0000,
0.0000

168.3570,

157.5613, 148.5631

206.9676,
195.2380, 185.9663

■ 21.2039, 17.5791,
14.0799

■ 21.2039, 17.5791,
14.0799

■ 19.1621, 14.5945,
10.0111

■ 23.6754, 21.1835,
19.0307

■ 17.5241, 12.1922,
6.7715

■ 26.5977, 25.4370,
24.9100

■ 16.2636, 10.3352,
4.3045

■ 29.9922, 30.3703,
31.7621

■ 15.3504, 8.9806,
2.5458

■ 33.8784, 36.0113,
39.6284

■ 14.7499, 8.0795,
1.4208

■ 38.2749, 42.3865,
48.5477

■ 14.4132, 7.5696,
0.8048

■ 43.1992, 49.5208,
58.5569

■ 14.3557, 7.4862,
0.6883

■ 48.6680, 57.4382,
69.6911

■ 54.6974, 66.1613,
81.9837

■ 61.3025, 75.7121,
95.4668

Harmonies

Analogous

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



21.7003, 17.5791, 20.2569



21.2039, 17.5791, 14.0799



19.4601, 17.5791, 10.2633

Triad

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



21.2039, 17.5791, 14.0799



13.2224, 17.5791, 12.5900



16.3289, 17.5791, 35.4117

Complementary

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



21.2039, 17.5791, 14.0799



23.4602, 29.2688, 37.2140

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.



14.2292, 17.5791, 32.0592



21.2039, 17.5791, 14.0799



12.5476, 17.5791, 18.0662

Square

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



21.2039, 17.5791, 14.0799



14.8326, 17.5791, 9.5573



12.8980, 17.5791, 25.2885



18.7360, 17.5791, 33.6287

Rectangle

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



21.2039, 17.5791, 14.0799



17.9050, 17.5791, 9.0536



12.8980, 17.5791, 25.2885



15.5664, 17.5791, 34.8290

Sweetspot

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



21.2044, 17.5800, 14.0802



51.5033, 51.1800, 52.4180



24.8459, 18.7291, 34.2040



11.4359, 11.2836, 11.4633



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.2044, 17.5800, 14.0802



34.9483, 27.0607, 19.1825



24.6667, 24.5045, 15.2343



6.6499, 6.6799, 6.9245



11.3448, 5.9253, 0.5458



0.2075, 0.1152, 0.0113

Inverse Universe

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



23.4602, 29.2688, 37.2140



39.5569, 50.9570, 66.4943



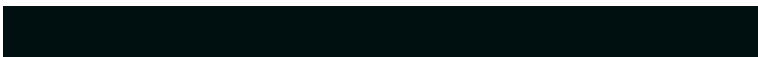
18.9931, 20.3348, 35.7250



6.8029, 7.4715, 8.4903



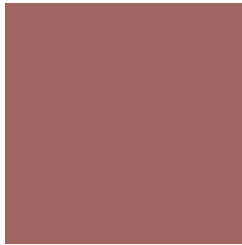
14.0359, 20.1633, 29.0594



0.2562, 0.3711, 0.5213

Previews

White Background



This preview shows how the XYZ color 21.2039, 17.5791, 14.0799 looks on a white background.

Color Contrast Check

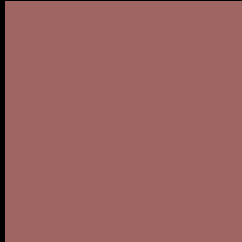
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2039, 17.5791, 14.0799 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 21.2039, 17.5791, 14.0799

Background



This preview shows how black text looks on a background with the XYZ color 21.2039, 17.5791, 14.0799.

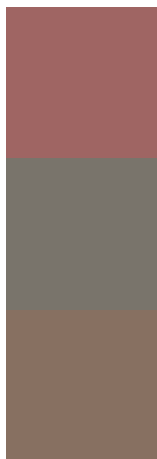


This preview shows how white text looks on a background with the XYZ color 21.2039, 17.5791,

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

21.2039, 17.5791, 14.0799

Protanopia

16.7844, 17.6173, 16.4258

Deuteranopia

17.9435, 17.6023, 13.7611



Tritanopia

21.7082, 17.6495, 16.1725

Trichromacy



Original Color

21.2039, 17.5791, 14.0799

Protanomaly

18.1748, 17.5193, 15.5203

Deuteranomaly

19.0688, 17.5363, 13.9351

Tritanomaly

21.5531, 17.5874, 15.3554

Monochromacy



Original Color

21.2039, 17.5791, 14.0799

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.3363, 17.7226, 17.4933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2039, 17.5791, 14.0799 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(159, 101, 99)` looks like.

```
.text, #text, p{  
    color:rgb(159, 101, 99)  
}
```

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(159, 101, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 101, 99) }
```

Border

The CSS property to change the border of an element to XYZ 21.2039, 17.5791, 14.0799 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(159, 101, 99) }
```


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

```
.border{ border-color:rgb(159, 101, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 101, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 101, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 101, 99);  
box-shadow:4px 4px 4px 4px rgb(159, 101,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2039, 17.5791, 14.0799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 101, 99) }
```

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

```
.background{ background-color: rgb(159,  
101, 99) }
```

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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