

Converting Colors

XYZ(20.0126, 17.3134, 10.4488)

Have a look what the booklet for
XYZ(20.0126, 17.3134, 10.4488)
contains.

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Color

**XYZ(20.1219, 17.3929,
10.4802)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6753
RGB	156, 103, 83
RGB Percent	61%, 40%, 33%
CMY	0.3882, 0.5961, 0.6745
CMYK	0.00, 0.34, 0.47, 0.39
HSL	16°, 31%, 47%
HSV	16°, 47%, 61%
XYZ	20.1219, 17.3929, 10.4802
YIQ	116.5670, 38.0080, 5.0160

Conversions

Conversions Part 2

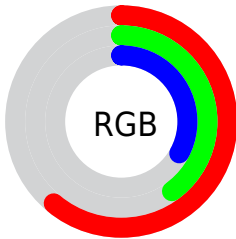
Format	Color
R_{YB}	156, 111, 83
Decimal	10250067
CIE Lab	48.75, 18.90, 19.98
CIE LCh	49, 27.503, 46.599
Yxy	17.3929, 0.4192, 0.3624
Android (android.graphics.Color)	4288440147 (0xFF9C6753)
YUV	116.5670, -16.5485, 34.5827
Hunter-Lab	41.7048, 13.1400, 14.2941

Details

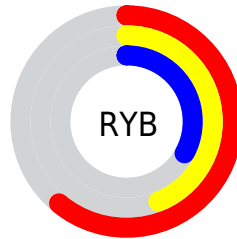
The XYZ color **20.1219, 17.3929, 10.4802** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.3719, 21.8468, 34.7011**, and the grayscale version is **16.8163, 17.6920, 19.2666**.

A 20% lighter version of the original color is **42.9406, 38.8017, 27.4166**, and **7.1955, 5.6971, 2.5541** is the 20% darker color. If you saturate the color by 10%, you get **18.5349, 15.0767, 7.3066**, and if you desaturate by 10%, it is **21.9979, 20.0702, 14.4191**.

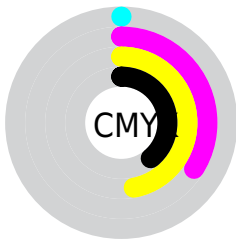
Distribution



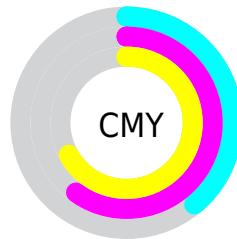
- Red (61%)
- Green (40%)
- Blue (33%)



- Red (61%)
- Yellow (44%)
- Blue (33%)



- Cyan (0%)
- Magenta (34%)
- Yellow (47%)
- Black (39%)



- Cyan (39%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1219, 17.3929, 10.4802 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 20.1219, 17.3929, 10.4802 by changing the saturation by 10% instead.

■ 20.1219, 17.3929,
10.4802

■ 20.1219, 17.3929,
10.4802

245.3953,
237.4265, 204.6736

■ 12.5925, 10.5150,
5.6087

■ 43.1238, 39.0001,
27.3167

■ 7.2236, 5.7417,
2.5438

■ 59.3271, 54.4982,
40.1188

■ 3.6499, 2.6887,
0.8632

■ 79.1523, 73.6384,
56.4015

■ 1.5060, 0.9715,
0.0000

■ 102.9648, 96.8053,
76.5834

■ 0.3299, 0.0000,
0.0000

■ 131.1300,
124.3831, 101.0830

■ 0.0000, 0.0000,
0.0000

164.0132,

156.7564, 130.3189

201.9799,
194.3093, 164.7096

■ 20.1219, 17.3929,
10.4802

■ 20.1219, 17.3929,
10.4802

■ 18.5349, 15.0767,
7.3066

■ 21.9979, 20.0702,
14.4191

■ 17.2203, 13.1033,
4.8469

■ 24.1758, 23.1209,
19.1682

■ 16.1617, 11.4562,
3.0446

■ 26.6690, 26.5599,
24.7700

■ 15.3401, 10.1168,
1.8344

■ 29.4900, 30.4004,
31.2640

■ 14.7295, 9.0625,
1.1165

■ 32.6503, 34.6549,
38.6868

■ 14.5650, 8.7773,
0.9265

■ 36.1610, 39.3355,
47.0733

■ 40.0326, 44.4538,
56.4565

■ 44.2754, 50.0209,
66.8676

■ 48.8988, 56.0474,
78.3368

Harmonies

Analogous

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



21.6712, 17.3929, 15.2143



20.1219, 17.3929, 10.4802



17.6902, 17.3929, 8.3248

Triad

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



20.1219, 17.3929, 10.4802



12.2185, 17.3929, 15.8757



17.9672, 17.3929, 35.7671

Complementary

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



20.1219, 17.3929, 10.4802



18.3719, 21.8468, 34.7011

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.



15.4244, 17.3929, 36.0769



20.1219, 17.3929, 10.4802



12.2763, 17.3929, 23.2244

Square

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



20.1219, 17.3929, 10.4802



13.2287, 17.3929, 10.8570



13.3957, 17.3929, 31.0362



20.3426, 17.3929, 30.2746

Rectangle

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



20.1219, 17.3929, 10.4802



15.9761, 17.3929, 8.1592



13.3957, 17.3929, 31.0362



17.0995, 17.3929, 36.5219

Sweetspot

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



20.1223, 17.3938, 10.4805



49.6714, 49.9266, 47.8032



21.2856, 15.0474, 25.2745



10.7124, 10.6887, 10.0222



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.1223, 17.3938, 10.4805



33.5822, 27.2617, 13.1114



24.4995, 26.1482, 11.9396



6.7736, 6.9273, 6.9658



12.0229, 7.2814, 0.7718



0.2474, 0.1951, 0.0246

Inverse Universe

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



18.3719, 21.8468, 34.7011



29.9776, 36.2920, 62.5518



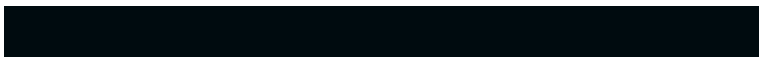
14.1285, 13.3602, 33.2867



6.6680, 7.2018, 8.4453



9.8600, 11.8115, 27.6674



0.2093, 0.2772, 0.5057

Previews

White Background



This preview shows how the XYZ color 20.1219, 17.3929, 10.4802 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 20.1219, 17.3929, 10.4802 looks on a black 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

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

XYZ 20.1219, 17.3929, 10.4802

Background



This preview shows how black text looks on a background with the XYZ color 20.1219, 17.3929, 10.4802.



This preview shows how white text looks on a background with the XYZ color 20.1219, 17.3929,

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

20.1219, 17.3929, 10.4802

Protanopia

16.3607, 17.4971, 11.9662

Deuteranopia

17.6509, 17.3662, 10.2063



Tritanopia

21.3116, 17.4450, 16.1539

Trichromacy



Original Color

20.1219, 17.3929, 10.4802

Protanomaly

17.5581, 17.2912, 11.4290

Deuteranomaly

18.5626, 17.3541, 10.3540

Tritanomaly

20.7629, 17.3573, 13.8112

Monochromacy



Original Color

20.1219, 17.3929, 10.4802

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.7040, 17.4336, 15.7965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1219, 17.3929, 10.4802 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(156, 103, 83)` looks like.

```
.text, #text, p{  
    color:rgb(156, 103, 83)  
}
```

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(156, 103, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 103, 83) }
```

Border

The CSS property to change the border of an element to XYZ 20.1219, 17.3929, 10.4802 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(156, 103, 83) }
```


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

```
.border{ border-color:rgb(156, 103, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 103, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 103, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 103, 83);  
box-shadow:4px 4px 4px 4px rgb(156, 103,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1219, 17.3929, 10.4802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 103, 83) }
```

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

```
.background{ background-color: rgb(156,  
103, 83) }
```

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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