

Converting Colors

XYZ(21.8793, 17.0964, 10.0300)

Have a look what the booklet for
XYZ(21.8793, 17.0964, 10.0300)
contains.

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Color

**XYZ(21.8879, 17.0496,
10.1199)**

Conversions

Conversions Part 1

Format	Color
Hex	A95E52
RGB	169, 94, 82
RGB Percent	66%, 37%, 32%
CMY	0.3373, 0.6314, 0.6784
CMYK	0.00, 0.44, 0.51, 0.34
HSL	8°, 35%, 49%
HSV	8°, 51%, 66%
XYZ	21.8879, 17.0496, 10.1199
YIQ	115.0570, 48.5520, 12.1680

Conversions

Conversions Part 2

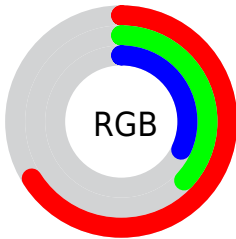
Format	Color
RYB	169, 96, 82
Decimal	11099730
CIELab	48.32, 29.22, 20.31
CIElCh	48, 35.584, 34.796
Yxy	17.0496, 0.4462, 0.3475
Android (android.graphics.Color)	4289289810 (0xFFA95E52)
YUV	115.0570, -16.2971, 47.3080
Hunter-Lab	41.2912, 22.3610, 14.3726

Details

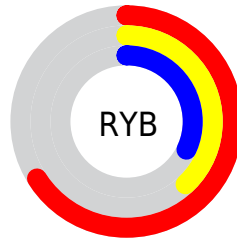
The XYZ color **21.8879, 17.0496, 10.1199** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **22.6974, 28.7710, 41.8932**, and the grayscale version is **16.3510, 17.2025, 18.7335**.

A 20% lighter version of the original color is **46.0542, 38.5274, 26.4819**, and **8.1210, 5.5983, 2.4028** is the 20% darker color. If you saturate the color by 10%, you get **20.1468, 14.4730, 6.7481**, and if you desaturate by 10%, it is **24.0328, 20.1803, 14.4080**.

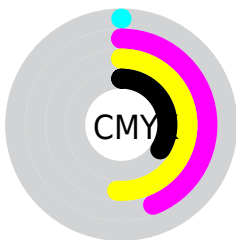
Distribution



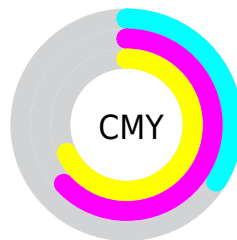
- Red (66%)
- Green (37%)
- Blue (32%)



- Red (66%)
- Yellow (38%)
- Blue (32%)



- Cyan (0%)
- Magenta (44%)
- Yellow (51%)
- Black (34%)



- Cyan (34%)
- Magenta (63%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8879, 17.0496, 10.1199 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 21.8879, 17.0496, 10.1199 by changing the saturation by 10% instead.

■ 21.8879, 17.0496,
10.1199

■ 21.8879, 17.0496,
10.1199

254.6037,
235.4580, 202.0415

■ 13.8907, 10.2699,
5.3719

■ 46.0409, 38.4110,
26.6321

■ 8.1259, 5.5782,
2.4045

■ 62.9274, 53.7615,
39.2334

■ 4.2281, 2.5904,
0.7889

■ 83.5077, 72.7377,
55.2895

■ 1.8320, 0.9218,
0.0000

■ 108.1471, 95.7240,
75.2190

■ 0.5368, 0.0000,
0.0000

■ 137.2111,
123.1048, 99.4404

■ 0.0000, 0.0000,
0.0000

171.0649,

155.2645, 128.3722

210.0740,
192.5874, 162.4331

■ 21.8879, 17.0496,
10.1199

■ 21.8879, 17.0496,
10.1199

■ 20.1468, 14.4730,
6.7481

■ 24.0328, 20.1803,
14.4080

■ 18.7826, 12.4156,
4.2246

■ 26.6035, 23.8923,
19.6718

■ 17.7670, 10.8425,
2.4736

■ 29.6220, 28.2138,
25.9666

■ 17.0670, 9.7134,
1.4052

■ 33.1084, 33.1708,
33.3435

■ 16.6749, 9.0605,
0.8700

■ 37.0816, 38.7875,
41.8500

■ 41.5593, 45.0869,
51.5309

■ 46.5585, 52.0909,
62.4287

■ 52.0953, 59.8205,
74.5834

■ 58.1851, 68.2956,
88.0335

Harmonies

Analogous

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



23.2519, 17.0496, 17.1097



21.8879, 17.0496, 10.1199



19.0100, 17.0496, 6.6355

Triad

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



21.8879, 17.0496, 10.1199



11.1898, 17.0496, 11.9470



16.7325, 17.0496, 42.6713

Complementary

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



21.8879, 17.0496, 10.1199



22.6974, 28.7710, 41.8932

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.



13.6907, 17.0496, 39.8805



21.8879, 17.0496, 10.1199



10.7488, 17.0496, 20.0987

Square

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



21.8879, 17.0496, 10.1199



12.8989, 17.0496, 7.4168



11.6024, 17.0496, 30.7427



20.0329, 17.0496, 37.4442

Rectangle

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



21.8879, 17.0496, 10.1199



16.7776, 17.0496, 5.8491



11.6024, 17.0496, 30.7427



15.6458, 17.0496, 42.6520

Sweetspot

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



21.8883, 17.0505, 10.1202



56.8284, 55.9062, 54.4762



25.4995, 16.9177, 33.9991



12.1112, 11.7943, 11.2917



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



21.8883, 17.0505, 10.1202



35.6387, 25.2577, 11.2482



26.8451, 26.9641, 11.7725



7.6115, 7.7031, 7.8749



12.4521, 6.8014, 0.6565



0.3272, 0.2141, 0.0241

Inverse Universe

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



22.6974, 28.7710, 41.8932



37.2020, 48.5435, 74.6342



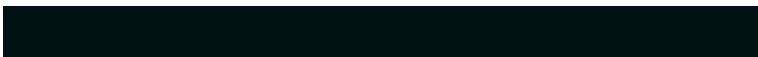
16.6473, 16.6706, 39.8764



7.6580, 8.3529, 9.6270



12.9906, 17.4413, 30.6573



0.3395, 0.4712, 0.7537

Previews

White Background



This preview shows how the XYZ color 21.8879, 17.0496, 10.1199 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 21.8879, 17.0496, 10.1199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

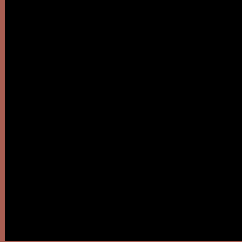
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.8879, 17.0496, 10.1199

Background



This preview shows how black text looks on a background with the XYZ color 21.8879, 17.0496, 10.1199.



This preview shows how white text looks on a background with the XYZ color 21.8879, 17.0496,

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

21.8879, 17.0496, 10.1199

Protanopia

16.1874, 17.2278, 12.3696

Deuteranopia

17.4684, 17.1196, 9.7809



Tritanopia

22.6093, 17.0822, 13.6608

Trichromacy



Original Color

21.8879, 17.0496, 10.1199

Protanomaly

17.8344, 16.7954, 11.5344

Deuteranomaly

18.7927, 16.8694, 9.8550

Tritanomaly

22.4237, 17.1475, 12.2531

Monochromacy



Original Color

21.8879, 17.0496, 10.1199

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.6976, 16.6456, 15.1121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8879, 17.0496, 10.1199 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(169, 94, 82)` looks like.

```
.text, #text, p{  
    color:rgb(169, 94, 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(169, 94, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 94, 82) }
```

Border

The CSS property to change the border of an element to XYZ 21.8879, 17.0496, 10.1199 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(169, 94, 82) }
```


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

```
.border{ border-color:rgb(169, 94, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 94, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 94, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 94, 82);  
box-shadow:4px 4px 4px 4px rgb(169, 94,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8879, 17.0496, 10.1199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 94, 82) }
```

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

```
.background{ background-color: rgb(169, 94,  
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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