

Converting Colors

XYZ(21.5856, 17.1342, 19.4751)

Have a look what the booklet for
XYZ(21.5856, 17.1342, 19.4751)
contains.

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Color

**XYZ(21.5091, 17.0494,
19.6100)**

Conversions

Conversions Part 1

Format	Color
Hex	9D6177
RGB	157, 97, 119
RGB Percent	62%, 38%, 47%
CMY	0.3843, 0.6196, 0.5333
CMYK	0.00, 0.38, 0.24, 0.38
HSL	338°, 24%, 50%
HSV	338°, 38%, 62%
XYZ	21.5091, 17.0494, 19.6100
YIQ	117.4480, 28.6980, 19.5620

Conversions

Conversions Part 2

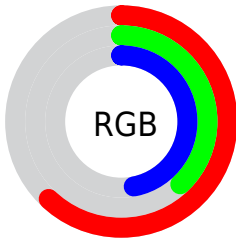
Format	Color
R _Y B	157, 97, 119
Decimal	10314103
CIE Lab	48.32, 27.44, -2.05
CIE LCh	48, 27.520, 355.738
Yxy	17.0494, 0.3698, 0.2931
Android (android.graphics.Color)	4288504183 (0xFF9D6177)
YUV	117.4480, 0.7651, 34.6871
Hunter-Lab	41.2909, 20.7244, 0.7455

Details

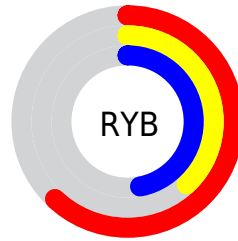
The XYZ color **21.5091, 17.0494, 19.6100** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.3607, 28.4050, 27.2799**, and the grayscale version is **17.0395, 17.9269, 19.5223**.

A 20% lighter version of the original color is **45.5387, 38.5813, 43.5749**, and **7.9446, 5.5946, 6.6224** is the 20% darker color. If you saturate the color by 10%, you get **19.6331, 14.2036, 16.1909**, and if you desaturate by 10%, it is **23.7356, 20.4960, 23.4547**.

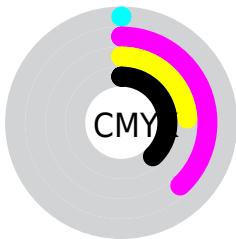
Distribution



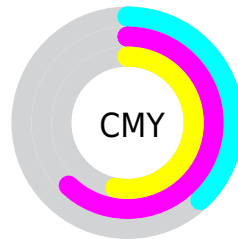
- Red (62%)
- Green (38%)
- Blue (47%)



- Red (62%)
- Yellow (38%)
- Blue (47%)



- Cyan (0%)
- Magenta (38%)
- Yellow (24%)
- Black (38%)



- Cyan (38%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5091, 17.0494, 19.6100 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 21.5091, 17.0494, 19.6100 by changing the saturation by 10% instead.

■ 21.5091, 17.0494,
19.6100

■ 21.5091, 17.0494,
19.6100

252.6527,
235.4569, 262.3300

■ 13.6112, 10.2697,
11.9306

■ 45.4182, 38.4107,
43.6127

■ 7.9307, 5.5782,
6.5745

■ 62.1602, 53.7611,
60.7731

■ 4.1020, 2.5903,
3.1231

■ 82.5808, 72.7372,
81.9309

■ 1.7600, 0.9218,
1.1578

■ 107.0456, 95.7234,
107.5046

■ 0.4934, 0.0000,
0.0000

135.9198,
123.1040, 137.9129

■ 0.0000, 0.0000,
0.0000

169.5688,

155.2636, 173.5741

208.3580,
192.5864, 214.9070

■ 21.5091, 17.0494,
19.6100

■ 21.5091, 17.0494,
19.6100

■ 19.6331, 14.2036,
16.1909

■ 23.7356, 20.4960,
23.4547

■ 18.0874, 11.9215,
13.1805

■ 26.3287, 24.5730,
27.7388

■ 16.8515, 10.1653,
10.5624


■ 29.3052, 29.3108,
32.4767


■ 15.9021, 8.8917,
8.3183

■ 32.6802, 34.7374,
37.6817


■ 15.2122, 8.0504,
6.4282


■ 36.4682, 40.8788,
43.3668


 14.7333, 7.5483,
4.8642

 40.6828, 47.7600,
49.5443

 14.6573, 7.4692,
4.6139

 45.3371, 55.4046,
56.2259

 50.4436, 63.8350,
63.4231

 56.0142, 73.0731,
71.1470

Harmonies

Analogous

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



20.5292, 17.0494, 27.4816



21.5091, 17.0494, 19.6100



20.9519, 17.0494, 13.1860

Triad

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



21.5091, 17.0494, 19.6100



14.1985, 17.0494, 8.6905



13.6373, 17.0494, 32.4881

Complementary

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



21.5091, 17.0494, 19.6100



21.3607, 28.4050, 27.2799

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.



12.2353, 17.0494, 25.2352



21.5091, 17.0494, 19.6100



12.5351, 17.0494, 11.8200

Square

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



21.5091, 17.0494, 19.6100



16.5662, 17.0494, 7.9114



11.8534, 17.0494, 17.5557



15.8490, 17.0494, 36.0371

Rectangle

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



21.5091, 17.0494, 19.6100



19.8115, 17.0494, 10.3214



11.8534, 17.0494, 17.5557



13.0650, 17.0494, 30.3240

Sweetspot

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



21.5096, 17.0502, 19.6103



50.8108, 49.8217, 55.5319



20.3529, 16.1355, 33.9402



11.0328, 10.7274, 11.9853



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.



21.5096, 17.0502, 19.6103



35.5724, 26.0547, 29.7667



21.1145, 18.1352, 13.6979



6.7286, 6.6843, 7.4218



11.9210, 6.0730, 3.8348



0.2327, 0.1164, 0.1713

Inverse Universe

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



21.5096, 17.0502, 19.6103



35.5724, 26.0547, 29.7667



21.7636, 26.4711, 35.8608



6.7286, 6.6843, 7.4218



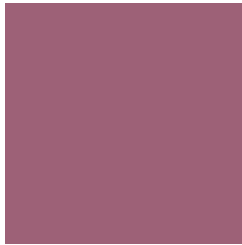
11.9210, 6.0730, 3.8348



0.2327, 0.1164, 0.1713

Previews

White Background



This preview shows how the XYZ color 21.5091, 17.0494, 19.6100 looks on a white background.

Color Contrast Check

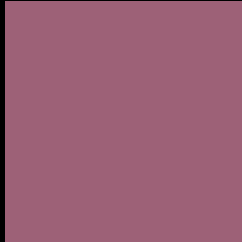
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5091, 17.0494, 19.6100 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 21.5091, 17.0494, 19.6100

Background



This preview shows how black text looks on a background with the XYZ color 21.5091, 17.0494, 19.6100.



This preview shows how white text looks on a background with the XYZ color 21.5091, 17.0494,

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

21.5091, 17.0494, 19.6100

Protanopia

16.8566, 17.1570, 23.5423

Deuteranopia

17.5507, 17.2849, 18.9343



Tritanopia

20.8260, 17.0531, 16.1039

Trichromacy



Original Color

21.5091, 17.0494, 19.6100

Protanomaly

18.1817, 16.8986, 22.0421

Deuteranomaly

18.7851, 17.1181, 19.1437

Tritanomaly

20.9472, 16.9510, 17.2068

Monochromacy



Original Color

21.5091, 17.0494, 19.6100

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.3617, 17.3654, 19.5236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5091, 17.0494, 19.6100 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(157, 97, 119)` looks like.

```
.text, #text, p{  
    color:rgb(157, 97, 119)  
}
```

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(157, 97, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 97, 119) }
```

Border

The CSS property to change the border of an element to XYZ 21.5091, 17.0494, 19.6100 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(157, 97, 119) }
```


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

```
.border{ border-color:rgb(157, 97, 119) }
```

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

Here you see how a box with a 4 pixel rgb(157, 97, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 97, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 97, 119);  
box-shadow:4px 4px 4px 4px rgb(157, 97,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5091, 17.0494, 19.6100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 97, 119) }
```

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

```
.background{ background-color: rgb(157, 97,  
119) }
```

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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