

Converting Colors

XYZ(25.9671, 21.6194, 19.3377)

Have a look what the booklet for
XYZ(25.9671, 21.6194, 19.3377)
contains.

XYZ(25.9598, 21.6200, 19.3278)	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(25.9598, 21.6200,
19.3278)**

Conversions

Conversions Part 1

Format	Color
Hex	AC7074
RGB	172, 112, 116
RGB Percent	67%, 44%, 45%
CMY	0.3255, 0.5608, 0.5451
CMYK	0.00, 0.35, 0.33, 0.33
HSL	356°, 27%, 56%
HSV	356°, 35%, 67%
XYZ	25.9598, 21.6200, 19.3278
YIQ	130.3960, 34.4760, 13.9640

Conversions

Conversions Part 2

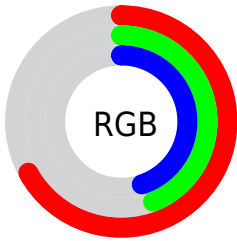
Format	Color
R_{YB}	172, 112, 116
Decimal	11300980
CIE _{Lab}	53.62, 24.32, 7.64
CIE _{LCh}	54, 25.486, 17.434
Yxy	21.6200, 0.3880, 0.3231
Android (android.graphics.Color)	4289491060 (0xFFAC7074)
YUV	130.3960, -7.0972, 36.4867
Hunter-Lab	46.4973, 18.2876, 7.9027

Details

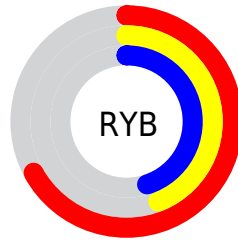
The XYZ color **25.9598, 21.6200, 19.3278** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.5035, 35.7774, 42.4512**, and the grayscale version is **21.3748, 22.4879, 24.4893**.

A 20% lighter version of the original color is **52.6564, 46.0361, 43.1563**, and **10.2921, 7.8239, 6.4366** is the 20% darker color. If you saturate the color by 10%, you get **23.3855, 17.8390, 14.2537**, and if you desaturate by 10%, it is **29.0591, 26.1926, 25.3737**.

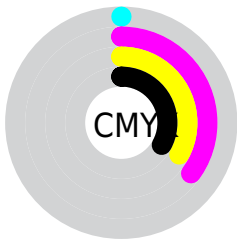
Distribution



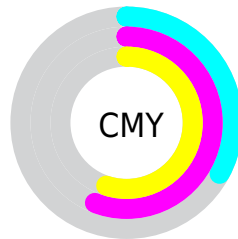
- Red (67%)
- Green (44%)
- Blue (45%)



- Red (67%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (35%)
- Yellow (33%)
- Black (33%)



- Cyan (33%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9598, 21.6200, 19.3278 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 25.9598, 21.6200, 19.3278 by changing the saturation by 10% instead.

■ 25.9598, 21.6200,
19.3278

■ 25.9598, 21.6200,
19.3278

274.8450,
260.5553, 260.7352

■ 16.9261, 13.5779,
11.7282

■ 52.6418, 46.1171,
43.1313

■ 10.2768, 7.8277,
6.4386

■ 71.0209, 63.3410,
60.1723

■ 5.6465, 3.9849,
3.0405

■ 93.2458, 84.3943,
81.1975

■ 2.6700, 1.6651,
1.1153

■ 119.6818,
109.6613, 106.6254

■ 0.9817, 0.4009,
0.0000

150.6944,
139.5266, 136.8746

■ 0.0000, 0.0000,
0.0000

186.6489,

174.3744, 172.3636

227.9107,
214.5892, 213.5110

■ 25.9598, 21.6200,
19.3278

■ 25.9598, 21.6200,
19.3278

■ 23.3855, 17.8390,
14.2537

■ 29.0591, 26.1926,
25.3737

■ 21.3056, 14.8019,
10.0994

■ 32.7086, 31.5951,
32.4370

■ 19.6888, 12.4603,
6.8102

■ 36.9338, 37.8666,
40.5620

■ 18.4995, 10.7593,
4.3250

■ 41.7580, 45.0433,
49.7901

■ 17.6971, 9.6354,
2.5745

■ 47.2033, 53.1590,
60.1604

■ 17.2322, 9.0111,
1.4778

■ 53.2909, 62.2459,
71.7100

■ 17.0763, 8.7959,
1.1284

■ 60.0406, 72.3347,
84.4745

■ 67.4716, 83.4547,
98.4878

■ 70.8232, 87.5106,
107.7662

Harmonies

Analogous

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



26.0946, 21.6200, 26.9556



25.9598, 21.6200, 19.3278



24.2980, 21.6200, 14.1341

Triad

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



25.9598, 21.6200, 19.3278



16.9294, 21.6200, 14.7849



19.4311, 21.6200, 41.4178

Complementary

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



25.9598, 21.6200, 19.3278



28.5035, 35.7774, 42.4512

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.



17.2072, 21.6200, 36.4005



25.9598, 21.6200, 19.3278



15.8509, 21.6200, 20.4268

Square

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



25.9598, 21.6200, 19.3278



19.0201, 21.6200, 11.9373



15.9480, 21.6200, 28.3248



22.1580, 21.6200, 40.9391

Rectangle

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



25.9598, 21.6200, 19.3278



22.6244, 21.6200, 12.2316



15.9480, 21.6200, 28.3248



18.6048, 21.6200, 40.2788

Sweetspot

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



25.9604, 21.6210, 19.3282



62.8095, 62.4671, 65.5313



29.3896, 22.8928, 41.8994



13.4269, 13.2446, 13.8124



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.9604, 21.6210, 19.3282



43.3420, 33.7068, 27.6745



29.0270, 28.1184, 19.2282



8.0261, 8.0237, 8.4481



12.7155, 6.5488, 0.8816



0.3606, 0.1849, 0.0606

Inverse Universe

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



25.9604, 21.6210, 19.3282



43.3420, 33.7068, 27.6745



24.4083, 26.9820, 42.9513



8.0261, 8.0237, 8.4481



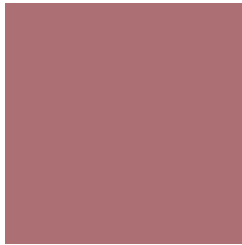
12.7155, 6.5488, 0.8816



0.3606, 0.1849, 0.0606

Previews

White Background



This preview shows how the XYZ color 25.9598, 21.6200, 19.3278 looks on a white background.

Color Contrast Check

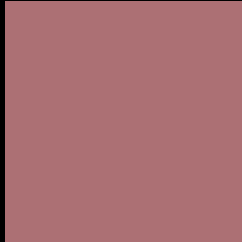
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9598, 21.6200, 19.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

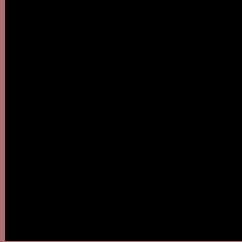
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.9598, 21.6200, 19.3278

Background



This preview shows how black text looks on a background with the XYZ color 25.9598, 21.6200, 19.3278.



This preview shows how white text looks on a background with the XYZ color 25.9598, 21.6200,

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

25.9598, 21.6200, 19.3278

Protanopia

20.9366, 21.8245, 22.5111

Deuteranopia

22.0990, 21.7412, 18.9513



Tritanopia

26.0879, 21.4956, 20.5434

Trichromacy



Original Color

25.9598, 21.6200, 19.3278

Protanomaly

22.5050, 21.5273, 21.3814

Deuteranomaly

23.3286, 21.6393, 19.1669

Tritanomaly

26.0275, 21.4714, 20.2254

Monochromacy



Original Color

25.9598, 21.6200, 19.3278

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.4617, 21.6663, 22.4002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9598, 21.6200, 19.3278 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(172, 112, 116)` looks like.

```
.text, #text, p{  
    color:rgb(172, 112, 116)  
}
```

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(172, 112, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 112, 116) }
```

Border

The CSS property to change the border of an element to XYZ 25.9598, 21.6200, 19.3278 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(172, 112, 116) }
```


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

```
.border{ border-color:rgb(172, 112, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 112, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 112, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 112, 116);  
box-shadow:4px 4px 4px 4px rgb(172, 112,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9598, 21.6200, 19.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 112, 116) }
```

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

```
.background{ background-color: rgb(172,  
112, 116) }
```

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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