

Converting Colors

XYZ(27.5038, 25.9610, 19.1307)

Have a look what the booklet for
XYZ(27.5038, 25.9610, 19.1307)
contains.

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Color

**XYZ(27.4591, 25.8599,
19.1670)**

Conversions

Conversions Part 1

Format	Color
Hex	A98371
RGB	169, 131, 113
RGB Percent	66%, 51%, 44%
CMY	0.3373, 0.4863, 0.5569
CMYK	0.00, 0.22, 0.33, 0.34
HSL	19°, 25%, 55%
HSV	19°, 33%, 66%
XYZ	27.4591, 25.8599, 19.1670
YIQ	140.3100, 28.4260, 2.4580

Conversions

Conversions Part 2

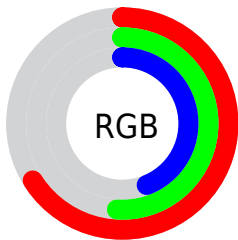
Format	Color
R_{YB}	169, 140, 113
Decimal	11109233
CIE _{Lab}	57.90, 11.99, 15.33
CIE _{LCh}	58, 19.461, 51.984
Yxy	25.8599, 0.3788, 0.3568
Android (android.graphics.Color)	4289299313 (0xFFA98371)
YUV	140.3100, -13.4638, 25.1611
Hunter-Lab	50.8526, 7.3933, 13.2497

Details

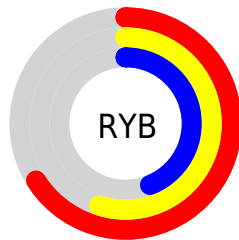
The XYZ color **27.4591, 25.8599, 19.1670** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.0376, 28.5074, 41.7189**, and the grayscale version is **25.0915, 26.3982, 28.7476**.

A 20% lighter version of the original color is **54.9834, 53.0051, 42.9304**, and **11.1739, 10.1292, 6.3672** is the 20% darker color. If you saturate the color by 10%, you get **25.1392, 22.6034, 14.1287**, and if you desaturate by 10%, it is **30.1281, 29.5306, 25.1964**.

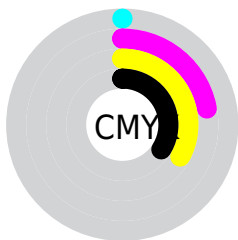
Distribution



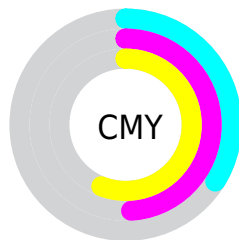
- Red (66%)
- Green (51%)
- Blue (44%)



- Red (66%)
- Yellow (55%)
- Blue (44%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (34%)




- Cyan (34%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4591, 25.8599, 19.1670 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 27.4591, 25.8599, 19.1670 by changing the saturation by 10% instead.


 27.4591, 25.8599,
19.1670


 27.4591, 25.8599,
19.1670


282.0004,
282.0937, 259.8225


 18.0567, 16.7189,
11.6130


 55.0344, 53.0488,
42.8566


 11.0906, 10.0342,
6.3614


 73.9380, 71.8655,
59.8292

 6.1956, 5.4217,
2.9937


 96.7394, 94.6762,
80.7784

 3.0061, 2.4967,
1.0914

 123.8039,
121.8653, 106.1227

 1.1570, 0.8750,
0.0000

155.4969,
153.8172, 136.2808

 0.0720, 0.0000,
0.0000

192.1837,

 0.0000, 0.0000,

190.9163, 171.6711

0.0000

234.2298,
233.5470, 212.7122

■ 27.4591, 25.8599,
19.1670

■ 27.4591, 25.8599,
19.1670

■ 25.1392, 22.6034,
14.1287

■ 30.1281, 29.5306,
25.1964

■ 23.1509, 19.7426,
10.0261

■ 33.1584, 33.6261,
32.2648

■ 21.4782, 17.2626,
6.8009

■ 36.5643, 38.1610,
40.4193

■ 20.1029, 15.1463,
4.3873

■ 40.3585, 43.1483,
49.7031

■ 19.0047, 13.3750,
2.7103

■ 44.5532, 48.6003,
60.1574

■ 18.1599, 11.9281,
1.6804

■ 49.1601, 54.5287,
71.8213

■ 17.6969, 11.1044,
1.2106

■ 54.1903, 60.9450,
84.7319

■ 59.6544, 67.8603,
98.9248

■ 63.8933, 74.6173,
105.6428

Harmonies

Analogous

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



28.9973, 25.8599, 23.5984



27.4591, 25.8599, 19.1670



25.2126, 25.8599, 17.2167

Triad

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



27.4591, 25.8599, 19.1670



20.3828, 25.8599, 26.3960



26.3042, 25.8599, 41.8942

Complementary

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



27.4591, 25.8599, 19.1670



25.0376, 28.5074, 41.7189

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.



23.9562, 25.8599, 42.9615



27.4591, 25.8599, 19.1670



20.6341, 25.8599, 33.2679

Square

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



27.4591, 25.8599, 19.1670



21.1982, 25.8599, 20.9355



21.9078, 25.8599, 39.5930



28.3016, 25.8599, 36.8734

Rectangle

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



27.4591, 25.8599, 19.1670



23.6555, 25.8599, 17.3286



21.9078, 25.8599, 39.5930



25.5263, 25.8599, 42.7562

Sweetspot

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



27.4598, 25.8611, 19.1675



61.1172, 62.5407, 61.8962



27.8750, 22.4886, 32.2635



13.1477, 13.3997, 13.0789



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.



27.4598, 25.8611, 19.1675



45.9729, 41.8271, 27.3298



31.6952, 34.3320, 20.5793



7.7207, 7.9214, 7.9113



13.2333, 8.3638, 0.9169



0.3679, 0.2953, 0.0376

Inverse Universe

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



25.0376, 28.5074, 41.7189



40.9281, 47.3065, 74.1990



21.0878, 20.6077, 40.4023



7.5412, 8.1193, 9.5881



9.9282, 11.3167, 29.6366



0.2848, 0.3618, 0.7355

Previews

White Background



This preview shows how the XYZ color 27.4591, 25.8599, 19.1670 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 27.4591, 25.8599, 19.1670 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 27.4591, 25.8599, 19.1670

Background



This preview shows how black text looks on a background with the XYZ color 27.4591, 25.8599, 19.1670.



This preview shows how white text looks on a background with the XYZ color 27.4591, 25.8599,

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

27.4591, 25.8599, 19.1670

Protanopia

24.4761, 25.9526, 20.5490

Deuteranopia

26.3500, 25.9014, 18.9399



Tritanopia

29.2478, 26.0151, 27.1468

Trichromacy



Original Color

27.4591, 25.8599, 19.1670

Protanomaly

25.4741, 25.8378, 20.1676

Deuteranomaly

26.8292, 25.9442, 18.9229

Tritanomaly

28.5411, 25.9170, 23.9203

Monochromacy



Original Color

27.4591, 25.8599, 19.1670

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.7374, 26.0823, 24.7970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4591, 25.8599, 19.1670 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, 131, 113)` looks like.

```
.text, #text, p{  
    color:rgb(169, 131, 113)  
}
```

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, 131, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 131, 113) }
```

Border

The CSS property to change the border of an element to XYZ 27.4591, 25.8599, 19.1670 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, 131, 113) }
```


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

```
.border{ border-color:rgb(169, 131, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 131, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 131, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 131, 113);  
box-shadow:4px 4px 4px 4px rgb(169, 131,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4591, 25.8599, 19.1670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 131, 113) }
```

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

```
.background{ background-color: rgb(169,  
131, 113) }
```

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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