

Converting Colors

XYZ(27.4962, 29.4611, 17.0774)

Have a look what the booklet for
XYZ(27.4962, 29.4611, 17.0774)
contains.

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Color

**XYZ(27.3791, 29.3203,
17.0483)**

Conversions

Conversions Part 1

Format	Color
Hex	A09367
RGB	160, 147, 103
RGB Percent	63%, 58%, 40%
CMY	0.3725, 0.4235, 0.5961
CMYK	0.00, 0.08, 0.36, 0.37
HSL	46°, 23%, 52%
HSV	46°, 36%, 63%
XYZ	27.3791, 29.3203, 17.0483
YIQ	145.8710, 21.8720, -10.9280

Conversions

Conversions Part 2

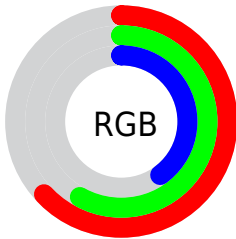
Format	Color
R_{YB}	120, 160, 103
Decimal	10523495
CIE Lab	61.06, -1.95, 25.07
CIE LCh	61, 25.148, 94.457
Yxy	29.3203, 0.3713, 0.3976
Android (android.graphics.Color)	4288713575 (0xFFA09367)
YUV	145.8710, -21.1354, 12.3911
Hunter-Lab	54.1482, -4.5040, 19.2366

Details

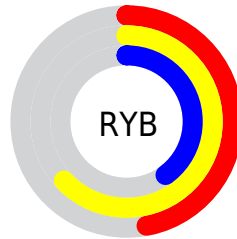
The XYZ color **27.3791, 29.3203, 17.0483** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.1839, 17.9118, 35.7566**, and the grayscale version is **27.3469, 28.7711, 31.3317**.

A 20% lighter version of the original color is **55.0383, 58.7053, 39.0023**, and **11.0277, 11.9510, 5.3400** is the 20% darker color. If you saturate the color by 10%, you get **26.0936, 27.9138, 13.0297**, and if you desaturate by 10%, it is **28.8378, 30.8270, 21.8835**.

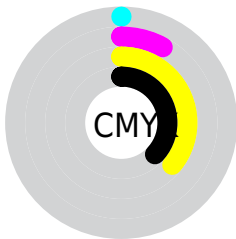
Distribution



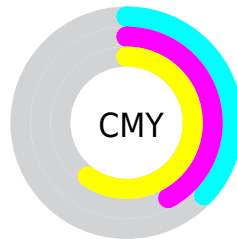
- Red (63%)
- Green (58%)
- Blue (40%)



- Red (47%)
- Yellow (63%)
- Blue (40%)



- Cyan (0%)
- Magenta (8%)
- Yellow (36%)
- Black (37%)



- Cyan (37%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3791, 29.3203, 17.0483 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 27.3791, 29.3203, 17.0483 by changing the saturation by 10% instead.

■ 27.3791, 29.3203,
17.0483

■ 27.3791, 29.3203,
17.0483

281.6222,
298.7232, 247.5039

■ 17.9962, 19.3233,
10.1066

■ 54.9072, 58.5856,
39.2006

■ 11.0469, 11.9041,
5.3632

■ 73.7831, 78.6226,
55.2483

■ 6.1659, 6.6784,
2.3994

■ 96.5541, 102.7751,
75.1684

■ 2.9879, 3.2618,
0.7861

■ 123.5855,
131.4275, 99.3794

■ 1.1473, 1.2699,
0.0000

155.2426,
164.9641, 128.3000

■ 0.0642, 0.1177,
0.0000

191.8909,

■ 0.0000, 0.0000,

203.7693, 162.3485

0.0000

233.8956,
248.2275, 201.9437

■ 27.3791, 29.3203,
17.0483

■ 27.3791, 29.3203,
17.0483

■ 26.0936, 27.9138,
13.0297

■ 28.8378, 30.8270,
21.8835

■ 24.9701, 26.5995,
9.7796

■ 30.4757, 32.4334,
27.5762

■ 23.9995, 25.3747,
7.2475

■ 32.3013, 34.1441,
34.1668

■ 23.1707, 24.2346,
5.3761

■ 34.3217, 35.9623,
41.6924

■ 22.4711, 23.1739,
4.0993

■ 36.5439, 37.8910,
50.1882

■ 21.8839, 22.1856,
3.3299

■ 38.9741, 39.9331,
59.6874

■ 21.6448, 21.7688,
3.0610

■ 41.6187, 42.0911,
70.2218

■ 44.4835, 44.3678,
81.8217

■ 47.5742, 46.7656,
94.5161

Harmonies

Analogous

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



30.6873, 29.3203, 18.2035



27.3791, 29.3203, 17.0483



24.4382, 29.3203, 19.1894

Triad

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



27.3791, 29.3203, 17.0483



22.9681, 29.3203, 43.3183



33.9778, 29.3203, 40.3962

Complementary

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



27.3791, 29.3203, 17.0483



18.1839, 17.9118, 35.7566

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.



31.6047, 29.3203, 49.3254



27.3791, 29.3203, 17.0483



25.2270, 29.3203, 51.2320

Square

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



27.3791, 29.3203, 17.0483



22.0221, 29.3203, 33.3543



28.3628, 29.3203, 53.6216



34.6666, 29.3203, 30.5368

Rectangle

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



27.3791, 29.3203, 17.0483



23.0287, 29.3203, 22.5042



28.3628, 29.3203, 53.6216



33.3419, 29.3203, 43.6642

Sweetspot

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



27.3798, 29.3216, 17.0489



56.7548, 60.2365, 55.1451



22.5175, 18.4423, 18.9879



12.3571, 13.1259, 11.7704



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.3798, 29.3216, 17.0489



47.7754, 51.1295, 24.8627



26.6610, 32.1225, 17.6274



7.0418, 7.4637, 7.0552



16.8951, 17.0258, 2.3958



0.3311, 0.3625, 0.0525

Inverse Universe

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



18.1839, 17.9118, 35.7566



28.4869, 27.2085, 64.1369



18.6941, 16.1045, 35.3809



6.4014, 6.6685, 8.3564



5.4745, 3.0405, 26.2056



0.1262, 0.1111, 0.4780

Previews

White Background



This preview shows how the XYZ color 27.3791, 29.3203, 17.0483 looks on a white background.

Color Contrast Check

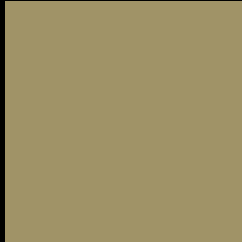
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3791, 29.3203, 17.0483 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 27.3791, 29.3203, 17.0483

Background



This preview shows how black text looks on a background with the XYZ color 27.3791, 29.3203, 17.0483.



This preview shows how white text looks on a background with the XYZ color 27.3791, 29.3203,

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

27.3791, 29.3203, 17.0483

Protanopia

27.1800, 29.2176, 17.0390

Deuteranopia

29.7028, 29.1632, 17.1603



Tritanopia

30.7094, 29.3161, 33.7458

Trichromacy



Original Color

27.3791, 29.3203, 17.0483

Protanomaly

27.1800, 29.2176, 17.0390

Deuteranomaly

28.8987, 29.1904, 17.2079

Tritanomaly

29.2298, 29.1527, 26.6407

Monochromacy



Original Color

27.3791, 29.3203, 17.0483

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.0706, 28.7488, 25.2414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3791, 29.3203, 17.0483 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(160, 147, 103)` looks like.

```
.text, #text, p{  
    color:rgb(160, 147, 103)  
}
```

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(160, 147, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 147, 103) }
```

Border

The CSS property to change the border of an element to XYZ 27.3791, 29.3203, 17.0483 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(160, 147, 103) }
```


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

```
.border{ border-color:rgb(160, 147, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 147, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 147, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 147, 103);  
box-shadow:4px 4px 4px 4px rgb(160, 147,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3791, 29.3203, 17.0483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 147, 103) }
```

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

```
.background{ background-color: rgb(160,  
147, 103) }
```

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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