

Converting Colors

XYZ(26.4505, 16.6264, 9.6949)

Have a look what the booklet for
XYZ(26.4505, 16.6264, 9.6949)
contains.

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Color

**XYZ(26.3783, 16.5861,
9.5957)**

Conversions

Conversions Part 1

Format	Color
Hex	C44551
RGB	196, 69, 81
RGB Percent	77%, 27%, 32%
CMY	0.2314, 0.7294, 0.6824
CMYK	0.00, 0.65, 0.59, 0.23
HSL	354°, 52%, 52%
HSV	354°, 65%, 77%
XYZ	26.3783, 16.5861, 9.5957
YIQ	108.3410, 71.8400, 30.6560

Conversions

Conversions Part 2

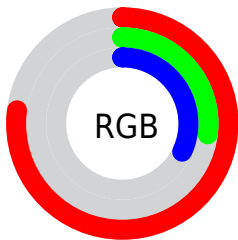
Format	Color
RYB	196, 69, 81
Decimal	12862801
CIELab	47.73, 51.43, 20.88
CIElCh	48, 55.504, 22.102
Yxy	16.5861, 0.5019, 0.3156
Android (android.graphics.Color)	4291052881 (0xFFC44551)
YUV	108.3410, -13.4791, 76.8769
Hunter-Lab	40.7260, 44.3441, 14.5386

Details

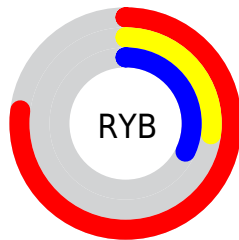
The XYZ color **26.3783, 16.5861, 9.5957** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **30.8472, 44.2062, 52.2582**, and the grayscale version is **14.3730, 15.1215, 16.4673**.

A 20% lighter version of the original color is **52.3522, 37.0376, 25.5088**, and **10.4873, 5.3678, 2.2336** is the 20% darker color. If you saturate the color by 10%, you get **24.7846, 14.3283, 6.1989**, and if you desaturate by 10%, it is **28.5449, 19.7115, 14.0419**.

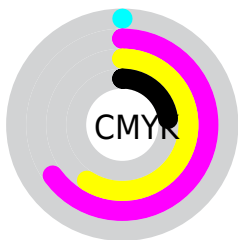
Distribution



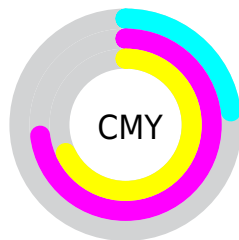
- Red (77%)
- Green (27%)
- Blue (32%)



- Red (77%)
- Yellow (27%)
- Blue (32%)



- Cyan (0%)
- Magenta (65%)
- Yellow (59%)
- Black (23%)





- Cyan (23%)
- Magenta (73%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3783, 16.5861, 9.5957 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 26.3783, 16.5861, 9.5957 by changing the saturation by 10% instead.


 26.3783, 16.5861,
9.5957


 26.3783, 16.5861,
9.5957

276.8570,
232.7758, 198.1405

 17.2410, 9.9398,
5.0296


 53.3116, 37.6128,
25.6280


 10.5029, 5.3591,
2.2056


 71.8383, 52.7619,
37.9314

 5.7984, 2.4595,
0.6776

 94.2255, 71.5142,
53.6510

 2.7624, 0.8562,
0.0000

 120.8386, 94.2540,
73.2053

 1.0294, 0.0000,
0.0000

 152.0430,
121.3656, 97.0128

 0.0000, 0.0000,
0.0000

188.2039,

153.2335, 125.4922

229.6868,
190.2421, 159.0619

■ 26.3783, 16.5861,
9.5957

■ 26.3783, 16.5861,
9.5957

■ 24.7846, 14.3283,
6.1989

■ 28.5449, 19.7115,
14.0419

■ 23.7077, 12.8479,
3.7640

■ 31.3309, 23.7773,
19.6136

■ 23.0823, 12.0400,
2.1906

■ 34.7794, 28.8521,
26.3808

■ 22.8783, 11.7811,
1.6625

■ 38.9293, 34.9971,
34.4076

■ 43.8167, 42.2687,
43.7535

■ 49.4748, 50.7193,
54.4741

■ 55.9351, 60.3980,
66.6219

■ 63.2273, 71.3512,
80.2467

■ 71.3794, 83.6229,
95.3958

Harmonies

Analogous

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



27.2497, 16.5861, 22.0865



26.3783, 16.5861, 9.5957



22.3925, 16.5861, 3.9286

Triad

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



26.3783, 16.5861, 9.5957



9.3627, 16.5861, 5.9260



14.4878, 16.5861, 60.9885

Complementary

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



26.3783, 16.5861, 9.5957



30.8472, 44.2062, 52.2582

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.



10.5935, 16.5861, 49.4046



26.3783, 16.5861, 9.5957



8.0677, 16.5861, 14.5543

Square

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



26.3783, 16.5861, 9.5957



12.4357, 16.5861, 2.7195



8.4653, 16.5861, 30.4370



19.6401, 16.5861, 57.1304

Rectangle

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



26.3783, 16.5861, 9.5957



18.8872, 16.5861, 2.5297



8.4653, 16.5861, 30.4370



13.0067, 16.5861, 58.6231

Sweetspot

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



26.3787, 16.5870, 9.5960



75.2176, 70.3773, 71.3303



31.6924, 18.3469, 54.0953



15.5574, 14.2572, 14.2296



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.3787, 16.5870, 9.5960



43.9250, 24.6045, 9.0697



30.5323, 25.5515, 8.9542



10.1110, 10.0930, 10.6749



14.7149, 7.5757, 1.1451



0.6492, 0.3327, 0.1199

Inverse Universe

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



26.3787, 16.5870, 9.5960



43.9250, 24.6045, 9.0697



22.5750, 25.5639, 55.9689



10.1110, 10.0930, 10.6749



14.7149, 7.5757, 1.1451



0.6492, 0.3327, 0.1199

Previews

White Background



This preview shows how the XYZ color 26.3783, 16.5861, 9.5957 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 26.3783, 16.5861, 9.5957 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 26.3783, 16.5861, 9.5957

Background



This preview shows how black text looks on a background with the XYZ color 26.3783, 16.5861, 9.5957.

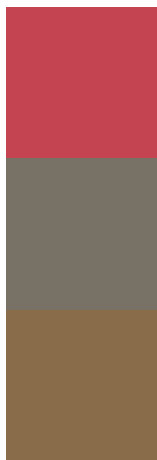


This preview shows how white text looks on a background with the XYZ color 26.3783, 16.5861,

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

26.3783, 16.5861, 9.5957

Protanopia

15.9740, 16.8962, 14.7313

Deuteranopia

17.0552, 16.7636, 8.9934



Tritanopia

26.1911, 16.6105, 8.3043

Trichromacy



Original Color

26.3783, 16.5861, 9.5957

Protanomaly

18.4207, 15.7466, 12.6582

Deuteranomaly

19.4428, 15.8103, 9.0481

Tritanomaly

26.2947, 16.6519, 8.8494

Monochromacy



Original Color

26.3783, 16.5861, 9.5957

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

17.0225, 14.4627, 13.4497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3783, 16.5861, 9.5957 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(196, 69, 81)` looks like.

```
.text, #text, p{  
    color:rgb(196, 69, 81)  
}
```

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(196, 69, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 69, 81) }
```

Border

The CSS property to change the border of an element to XYZ 26.3783, 16.5861, 9.5957 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(196, 69, 81) }
```


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

```
.border{ border-color:rgb(196, 69, 81) }
```

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

Here you see how a box with a 4 pixel rgb(196, 69, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 69, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 69, 81);  
box-shadow:4px 4px 4px 4px rgb(196, 69,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3783, 16.5861, 9.5957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 69, 81) }
```

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

```
.background{ background-color: rgb(196, 69,  
81) }
```

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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