

Converting Colors

XYZ(26.1090, 16.2712, 8.3563)

Have a look what the booklet for
XYZ(26.1090, 16.2712, 8.3563)
contains.

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Color

**XYZ(26.0421, 16.2581,
8.4222)**

Conversions

Conversions Part 1

Format	Color
Hex	C4434B
RGB	196, 67, 75
RGB Percent	77%, 26%, 29%
CMY	0.2314, 0.7372, 0.7059
CMYK	0.00, 0.66, 0.62, 0.23
HSL	356°, 52%, 52%
HSV	356°, 66%, 77%
XYZ	26.0421, 16.2581, 8.4222
YIQ	106.4830, 74.3160, 29.8360

Conversions

Conversions Part 2

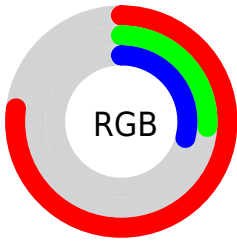
Format	Color
R_{YB}	196, 67, 75
Decimal	12862283
CIE Lab	47.31, 51.86, 23.94
CIE LCh	47, 57.117, 24.783
Yxy	16.2581, 0.5134, 0.3205
Android (android.graphics.Color)	4291052363 (0xFFC4434B)
YUV	106.4830, -15.5211, 78.5064
Hunter-Lab	40.3213, 44.7244, 15.8406

Details

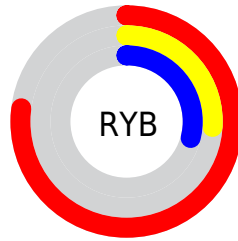
The XYZ color **26.0421, 16.2581, 8.4222** is a dark color, and the websafe version is hex **993333**. The color can be described as dark muted red. A complement of this color would be **31.1330, 44.3043, 54.4917**, and the grayscale version is **13.8602, 14.5820, 15.8798**.

A 20% lighter version of the original color is **51.8376, 36.6343, 23.4078**, and **10.4007, 5.3332, 1.7776** is the 20% darker color. If you saturate the color by 10%, you get **24.5267, 14.0931, 5.2483**, and if you desaturate by 10%, it is **28.1343, 19.2860, 12.6856**.

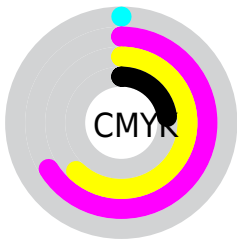
Distribution



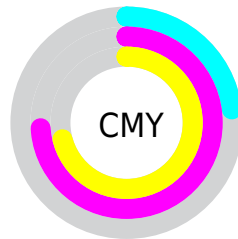
- Red (77%)
- Green (26%)
- Blue (29%)



- Red (77%)
- Yellow (26%)
- Blue (29%)



- Cyan (0%)
- Magenta (66%)
- Yellow (62%)
- Black (23%)





- Cyan (23%)
- Magenta (74%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0421, 16.2581, 8.4222 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 26.0421, 16.2581, 8.4222 by changing the saturation by 10% instead.


 26.0421, 16.2581,
8.4222


 26.0421, 16.2581,
8.4222


275.2416,
230.8599, 189.0636


 16.9880, 9.7070,
4.2746


 52.7737, 37.0457,
23.3417


 10.3212, 5.2051,
1.7772


 71.1818, 52.0510,
34.9508

 5.6763, 2.3681,
0.4128

 93.4387, 70.6431,
49.8842

 2.6881, 0.8094,
0.0000

 119.9097, 93.2064,
68.5603

 0.9910, 0.0000,
0.0000

 150.9601,
120.1254, 91.3978

 0.0000, 0.0000,
0.0000

186.9554,

151.7843, 118.8151

228.2607,
188.5677, 151.2309

■ 26.0421, 16.2581,
8.4222

■ 26.0421, 16.2581,
8.4222

■ 24.5267, 14.0931,
5.2483

■ 28.1343, 19.2860,
12.6856

■ 23.5291, 12.6986,
3.0642

■ 30.8523, 23.2515,
18.1246

■ 22.9788, 11.9638,
1.7527

■ 34.2410, 28.2244,
24.8177

■ 22.8320, 11.7626,
1.4195

■ 38.3411, 34.2669,
32.8362

■ 43.1899, 41.4363,
42.2462

■ 48.8221, 49.7860,
53.1094

■ 55.2702, 59.3657,
65.4837

■ 62.5651, 70.2224,
79.4238

■ 70.7358, 82.4007,
94.9818

Harmonies

Analogous

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



27.2694, 16.2581, 20.3514



26.0421, 16.2581, 8.4222



21.7508, 16.2581, 3.3220

Triad

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



26.0421, 16.2581, 8.4222



8.8041, 16.2581, 6.0265



14.5872, 16.2581, 62.3000

Complementary

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



26.0421, 16.2581, 8.4222



31.1330, 44.3043, 54.4917

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.



10.5056, 16.2581, 51.4920



26.0421, 16.2581, 8.4222



7.6643, 16.2581, 15.2937

Square

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



26.0421, 16.2581, 8.4222



11.7320, 16.2581, 2.5607



8.2115, 16.2581, 32.0921



19.8873, 16.2581, 56.8146

Rectangle

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



26.0421, 16.2581, 8.4222



18.1421, 16.2581, 2.1483



8.2115, 16.2581, 32.0921



13.0434, 16.2581, 60.3331

Sweetspot

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



26.0425, 16.2590, 8.4225



74.1149, 68.9586, 68.5381



32.5629, 18.6161, 54.1012



15.3349, 13.9784, 13.6432



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.



26.0425, 16.2590, 8.4225



43.5226, 24.2504, 7.5461



30.8493, 26.2833, 8.7588



10.0979, 10.0878, 10.6063



14.6820, 7.5626, 0.9717



0.6433, 0.3303, 0.0888

Inverse Universe

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



26.0425, 16.2590, 8.4225



43.5226, 24.2504, 7.5461



21.6723, 23.9655, 55.7078



10.0979, 10.0878, 10.6063



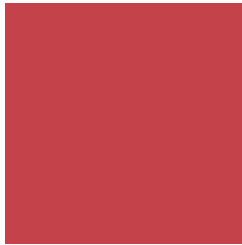
14.6820, 7.5626, 0.9717



0.6433, 0.3303, 0.0888

Previews

White Background



This preview shows how the XYZ color 26.0421, 16.2581, 8.4222 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 26.0421, 16.2581, 8.4222 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 26.0421, 16.2581, 8.4222

Background



This preview shows how black text looks on a background with the XYZ color 26.0421, 16.2581, 8.4222.



This preview shows how white text looks on a background with the XYZ color 26.0421, 16.2581,

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

26.0421, 16.2581, 8.4222

Protanopia

15.5333, 16.5403, 12.9636

Deuteranopia

16.7225, 16.4608, 7.7647



Tritanopia

25.9694, 16.3249, 7.7435

Trichromacy



Original Color

26.0421, 16.2581, 8.4222

Protanomaly

17.9358, 15.2569, 11.0164

Deuteranomaly

19.1522, 15.5527, 7.9538

Tritanomaly

26.0018, 16.3379, 7.9140

Monochromacy



Original Color

26.0421, 16.2581, 8.4222

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

16.5402, 13.9695, 12.6511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0421, 16.2581, 8.4222 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, 67, 75)` looks like.

```
.text, #text, p{  
    color:rgb(196, 67, 75)  
}
```

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, 67, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 67, 75) }
```

Border

The CSS property to change the border of an element to XYZ 26.0421, 16.2581, 8.4222 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, 67, 75) }
```


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

```
.border{ border-color:rgb(196, 67, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 67, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 67, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 67, 75);  
box-shadow:4px 4px 4px 4px rgb(196, 67,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0421, 16.2581, 8.4222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 67, 75) }
```

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

```
.background{ background-color: rgb(196, 67,  
75) }
```

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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