

Converting Colors

XYZ(26.5430, 16.0221, 4.7530)

Have a look what the booklet for
XYZ(26.5430, 16.0221, 4.7530)
contains.

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Color

**XYZ(26.5487, 16.0186,
4.7102)**

Conversions

Conversions Part 1

Format	Color
Hex	CA3C32
RGB	202, 60, 50
RGB Percent	79%, 24%, 20%
CMY	0.2078, 0.7647, 0.8039
CMYK	0.00, 0.70, 0.75, 0.21
HSL	4°, 60%, 49%
HSV	4°, 75%, 79%
XYZ	26.5487, 16.0186, 4.7102
YIQ	101.3180, 87.8420, 26.9940

Conversions

Conversions Part 2

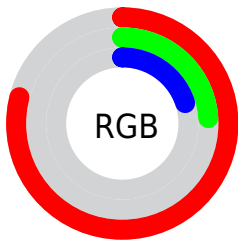
Format	Color
R _Y B	202, 61, 50
Decimal	13253682
CIE Lab	47.00, 55.30, 38.41
CIE LCh	47, 67.327, 34.785
Yxy	16.0186, 0.5616, 0.3388
Android (android.graphics.Color)	4291443762 (0xFFCA3C32)
YUV	101.3180, -25.2998, 88.2981
Hunter-Lab	40.0232, 48.3641, 21.0386

Details

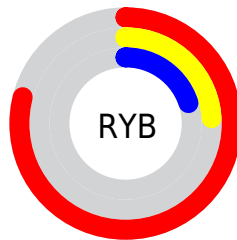
The XYZ color **26.5487, 16.0186, 4.7102** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **30.8233, 42.6370, 62.4819**, and the grayscale version is **12.5004, 13.1514, 14.3219**.

A 20% lighter version of the original color is **49.6431, 34.6138, 15.3739**, and **10.8426, 5.5864, 0.6504** is the 20% darker color. If you saturate the color by 10%, you get **25.3865, 14.2448, 2.6265**, and if you desaturate by 10%, it is **28.2561, 18.5758, 7.9238**.

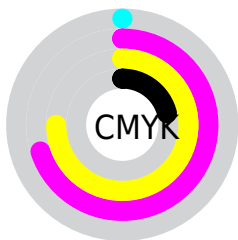
Distribution



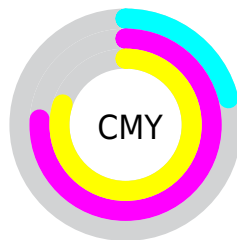
- Red (79%)
- Green (24%)
- Blue (20%)



- Red (79%)
- Yellow (24%)
- Blue (20%)



- Cyan (0%)
- Magenta (70%)
- Yellow (75%)
- Black (21%)





- Cyan (21%)
- Magenta (76%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5487, 16.0186, 4.7102 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 26.5487, 16.0186, 4.7102 by changing the saturation by 10% instead.


 26.5487, 16.0186,
4.7102


 26.5487, 16.0186,
4.7102


277.6729,
229.4514, 155.8194


 17.3694, 9.5373,
2.0225


 53.5838, 36.6305,
15.6171


 10.5951, 5.0933,
0.5691


 72.1704, 51.5299,
24.6735


 5.8606, 2.3021,
0.0000

 94.6234, 70.0041,
36.6897

 2.8003, 0.7748,
0.0000

 121.3082, 92.4376,
52.0845

 1.0491, 0.0000,
0.0000

 152.5903,
119.2146, 71.2763

 0.0000, 0.0000,
0.0000

 188.8348,

150.7197, 94.6837

230.4072,
187.3372, 122.7252

■ 26.5487, 16.0186,
4.7102

■ 26.5487, 16.0186,
4.7102

■ 25.3865, 14.2448,
2.6265

■ 28.2561, 18.5758,
7.9238

■ 24.7016, 13.1617,
1.5142

■ 30.5638, 21.9901,
12.3960

■ 24.5048, 12.8521,
1.1892

■ 33.5212, 26.3294,
18.2391

■ 37.1725, 31.6544,
25.5525

■ 41.5577, 38.0206,
34.4265

■ 46.7141, 45.4791,
44.9443

■ 52.6761, 54.0780,
57.1830

■ 59.4764, 63.8622,
71.2149

■ 67.1455, 74.8744,
87.1081

Harmonies

Analogous

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



29.5284, 16.0186, 14.8734



26.5487, 16.0186, 4.7102



20.5772, 16.0186, 1.4778

Triad

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



26.5487, 16.0186, 4.7102



7.1059, 16.0186, 6.9520



16.1896, 16.0186, 73.8359

Complementary

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



26.5487, 16.0186, 4.7102



30.8233, 42.6370, 62.4819

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.



10.8924, 16.0186, 66.3155



26.5487, 16.0186, 4.7102



6.4986, 16.0186, 20.2895

Square

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



26.5487, 16.0186, 4.7102



9.6352, 16.0186, 2.0636



7.6896, 16.0186, 43.2593



22.6430, 16.0186, 59.9404

Rectangle

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



26.5487, 16.0186, 4.7102



16.2779, 16.0186, 0.9777



7.6896, 16.0186, 43.2593



14.2189, 16.0186, 73.7805

Sweetspot

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



26.5491, 16.0195, 4.7104



71.9472, 66.6685, 61.5099



35.2801, 18.7507, 53.0342



14.7662, 13.3520, 11.8784



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.



26.5491, 16.0195, 4.7104



42.2006, 22.8917, 3.1426



33.4025, 29.7265, 6.9949



11.2707, 11.3303, 11.6724



15.7922, 8.3174, 0.7731



0.8359, 0.4715, 0.0470

Inverse Universe

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



30.8233, 42.6370, 62.4819



49.5900, 69.6863, 105.4449



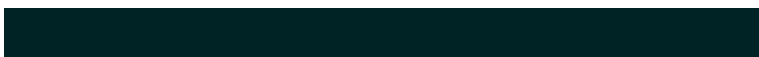
18.5016, 17.9936, 58.3746



11.4776, 12.5956, 14.3966



18.5538, 26.1317, 40.0223



0.9767, 1.3871, 2.0712

Previews

White Background



This preview shows how the XYZ color 26.5487, 16.0186, 4.7102 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 26.5487, 16.0186, 4.7102 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 26.5487, 16.0186, 4.7102

Background



This preview shows how black text looks on a background with the XYZ color 26.5487, 16.0186, 4.7102.



This preview shows how white text looks on a background with the XYZ color 26.5487, 16.0186,

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

26.5487, 16.0186, 4.7102

Protanopia

14.9459, 16.1926, 7.4920

Deuteranopia

16.4559, 16.2440, 4.2756



Tritanopia

26.7125, 15.9196, 6.0798

Trichromacy



Original Color

26.5487, 16.0186, 4.7102

Protanomaly

17.6789, 14.8303, 6.2057

Deuteranomaly

19.2150, 15.2807, 4.3196

Tritanomaly

26.6596, 15.9799, 5.5502

Monochromacy



Original Color

26.5487, 16.0186, 4.7102

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

15.3320, 12.6680, 9.6197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5487, 16.0186, 4.7102 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(202, 60, 50)` looks like.

```
.text, #text, p{  
    color:rgb(202, 60, 50)  
}
```

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(202, 60, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 60, 50) }
```

Border

The CSS property to change the border of an element to XYZ 26.5487, 16.0186, 4.7102 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(202, 60, 50) }
```


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

```
.border{ border-color:rgb(202, 60, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 60, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 60, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 60, 50);  
box-shadow:4px 4px 4px 4px rgb(202, 60,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5487, 16.0186, 4.7102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 60, 50) }
```

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

```
.background{ background-color: rgb(202, 60,  
50) }
```

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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