

Converting Colors

XYZ(26.6919, 16.4846, 5.5165)

Have a look what the booklet for
XYZ(26.6919, 16.4846, 5.5165)
contains.

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Color

**XYZ(26.6915, 16.4836,
5.5162)**

Conversions

Conversions Part 1

Format	Color
Hex	C94138
RGB	201, 65, 56
RGB Percent	79%, 25%, 22%
CMY	0.2118, 0.7451, 0.7804
CMYK	0.00, 0.68, 0.72, 0.21
HSL	4°, 57%, 50%
HSV	4°, 72%, 79%
XYZ	26.6915, 16.4836, 5.5162
YIQ	104.6380, 83.9450, 26.0330

Conversions

Conversions Part 2

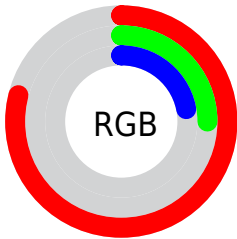
Format	Color
R _Y B	201, 66, 56
Decimal	13189432
CIE Lab	47.60, 53.28, 35.66
CIE LCh	48, 64.108, 33.792
Yxy	16.4836, 0.5482, 0.3385
Android (android.graphics.Color)	4291379512 (0xFFC94138)
YUV	104.6380, -23.9785, 84.5095
Hunter-Lab	40.6000, 46.3006, 20.3644

Details

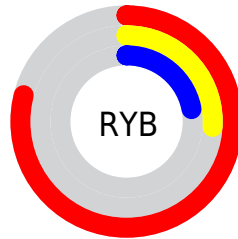
The XYZ color **26.6915, 16.4836, 5.5162** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31.0212, 42.7532, 61.8752**, and the grayscale version is **13.3771, 14.0737, 15.3263**.

A 20% lighter version of the original color is **50.4552, 35.6924, 17.3267**, and **10.7201, 5.5180, 0.8808** is the 20% darker color. If you saturate the color by 10%, you get **25.3873, 14.5105, 3.1239**, and if you desaturate by 10%, it is **28.5547, 19.2596, 9.0683**.

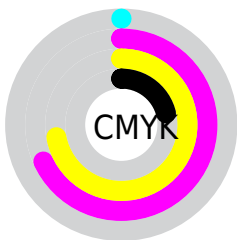
Distribution



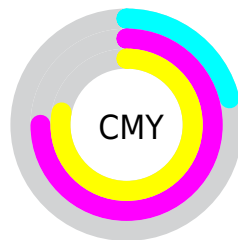
- Red (79%)
- Green (25%)
- Blue (22%)



- Red (79%)
- Yellow (26%)
- Blue (22%)



- Cyan (0%)
- Magenta (68%)
- Yellow (72%)
- Black (21%)





- Cyan (21%)
- Magenta (75%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6915, 16.4836, 5.5162 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 26.6915, 16.4836, 5.5162 by changing the saturation by 10% instead.

 26.6915, 16.4836,
5.5162


 26.6915, 16.4836,
5.5162


278.3552,
232.1787, 163.8254


 17.4771, 9.8670,
2.4892


 53.8118, 37.4357,
17.3781


 10.6726, 5.3109,
0.8344


 72.4484, 52.5401,
27.0502

 5.9128, 2.4308,
0.0000

 94.9564, 71.2425,
39.7743

 2.8323, 0.8417,
0.0000

 121.7012, 93.9273,
55.9691

 1.0657, 0.0000,
0.0000

 153.0481,
120.9789, 76.0530

 0.0000, 0.0000,
0.0000

 189.3625,

152.7817, 100.4447

231.0097,
189.7202, 129.5627

■ 26.6915, 16.4836,
5.5162

■ 26.6915, 16.4836,
5.5162

■ 25.3873, 14.5105,
3.1239

■ 28.5547, 19.2596,
9.0683

■ 24.5783, 13.2522,
1.7450

■ 31.0294, 22.9088,
13.9012

■ 24.2247, 12.6924,
1.1731

■ 34.1631, 27.4972,
20.1216

■ 37.9983, 33.0837,
27.8250

■ 42.5742, 39.7222,
37.0983

■ 47.9267, 47.4628,
48.0215

■ 54.0898, 56.3525,
60.6696

■ 61.0950, 66.4355,
75.1127

■ 68.9725, 77.7537,
91.4169

Harmonies

Analogous

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



29.3921, 16.4836, 15.9456



26.6915, 16.4836, 5.5162



21.0397, 16.4836, 1.9295

Triad

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



26.6915, 16.4836, 5.5162



7.7303, 16.4836, 7.3266



16.4053, 16.4836, 71.2403

Complementary

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



26.6915, 16.4836, 5.5162



31.0212, 42.7532, 61.8752

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.



11.2972, 16.4836, 63.5919



26.6915, 16.4836, 5.5162



7.0601, 16.4836, 20.1111

Square

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



26.6915, 16.4836, 5.5162



10.3148, 16.4836, 2.4394



8.1931, 16.4836, 41.7642



22.6096, 16.4836, 58.8754

Rectangle

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



26.6915, 16.4836, 5.5162



16.8860, 16.4836, 1.3185



8.1931, 16.4836, 41.7642



14.5084, 16.4836, 70.9507

Sweetspot

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



26.6919, 16.4846, 5.5165



72.7482, 67.8010, 63.2246



35.2109, 19.1296, 52.7281



15.0835, 13.8056, 12.5420



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.



26.6919, 16.4846, 5.5165



42.5304, 23.3983, 3.7246



33.5701, 30.2409, 7.8092



10.6859, 10.7409, 11.0728



15.2553, 8.0278, 0.7455



0.7412, 0.4178, 0.0416

Inverse Universe

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



31.0212, 42.7532, 61.8752



50.2017, 70.5851, 105.5861



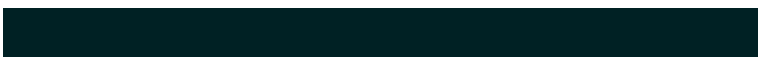
19.0413, 18.7934, 57.8819



10.8881, 11.9503, 13.6503



18.0300, 25.4540, 38.7072



0.8712, 1.2402, 1.8386

Previews

White Background



This preview shows how the XYZ color 26.6915, 16.4836, 5.5162 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 26.6915, 16.4836, 5.5162 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 26.6915, 16.4836, 5.5162

Background



This preview shows how black text looks on a background with the XYZ color 26.6915, 16.4836, 5.5162.



This preview shows how white text looks on a background with the XYZ color 26.6915, 16.4836,

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

26.6915, 16.4836, 5.5162

Protanopia

15.4992, 16.7876, 8.5543

Deuteranopia

16.8806, 16.6012, 5.1110



Tritanopia

26.8780, 16.3778, 7.0548

Trichromacy



Original Color

26.6915, 16.4836, 5.5162

Protanomaly

18.1151, 15.4345, 7.1786

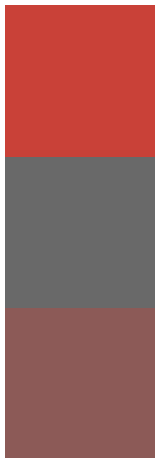
Deuteranomaly

19.5289, 15.6798, 5.1292

Tritanomaly

26.8180, 16.4432, 6.4630

Monochromacy



Original Color

26.6915, 16.4836, 5.5162

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

16.1917, 13.5759, 10.7838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6915, 16.4836, 5.5162 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(201, 65, 56)` looks like.

```
.text, #text, p{  
    color:rgb(201, 65, 56)  
}
```

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(201, 65, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 65, 56) }
```

Border

The CSS property to change the border of an element to XYZ 26.6915, 16.4836, 5.5162 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(201, 65, 56) }
```


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

```
.border{ border-color:rgb(201, 65, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 65, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 65, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 65, 56);  
box-shadow:4px 4px 4px 4px rgb(201, 65,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6915, 16.4836, 5.5162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 65, 56) }
```

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

```
.background{ background-color: rgb(201, 65,  
56) }
```

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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