

Converting Colors

XYZ(26.6776, 16.0932, 6.0414)

Have a look what the booklet for
XYZ(26.6776, 16.0932, 6.0414)
contains.

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Color

**XYZ(26.5189, 15.9755,
5.9608)**

Conversions

Conversions Part 1

Format	Color
Hex	C93C3C
RGB	201, 60, 60
RGB Percent	79%, 24%, 24%
CMY	0.2118, 0.7647, 0.7647
CMYK	0.00, 0.70, 0.70, 0.21
HSL	0°, 57%, 51%
HSV	0°, 70%, 79%
XYZ	26.5189, 15.9755, 5.9608
YIQ	102.1590, 84.0360, 29.8920

Conversions

Conversions Part 2

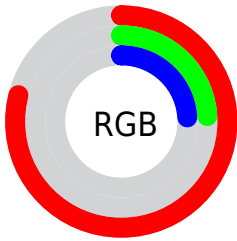
Format	Color
RYB	201, 60, 60
Decimal	13188156
CIELab	46.94, 55.42, 32.58
CIELCh	47, 64.284, 30.452
Yxy	15.9755, 0.5473, 0.3297
Android (android.graphics.Color)	4291378236 (0xFFC93C3C)
YUV	102.1590, -20.7844, 86.6836
Hunter-Lab	39.9694, 48.4849, 19.1364

Details

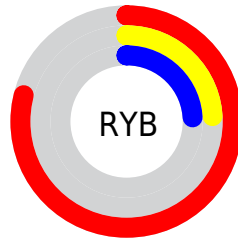
The XYZ color **26.5189, 15.9755, 5.9608** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **33.2904, 46.9464, 62.5650**, and the grayscale version is **12.7091, 13.3710, 14.5610**.

A 20% lighter version of the original color is **50.1922, 34.8335, 18.2655**, and **10.7486, 5.5294, 1.0311** is the 20% darker color. If you saturate the color by 10%, you get **25.2244, 14.0816, 3.3872**, and if you desaturate by 10%, it is **28.4156, 18.7513, 9.7306**.

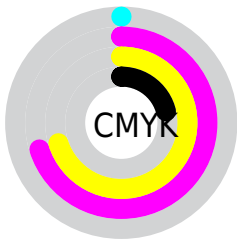
Distribution



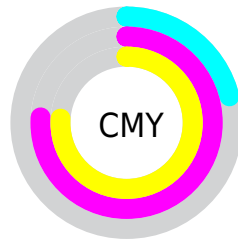
- Red (79%)
- Green (24%)
- Blue (24%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5189, 15.9755, 5.9608 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 26.5189, 15.9755, 5.9608 by changing the saturation by 10% instead.

 26.5189, 15.9755,
5.9608


 26.5189, 15.9755,
5.9608


277.5303,
229.1971, 168.0147


 17.3469, 9.5068,
2.7529


 53.5362, 36.5557,
18.3257


 10.5790, 5.0732,
0.9699


 72.1123, 51.4359,
28.3198

 5.8497, 2.2903,
0.0000

 94.5539, 69.8889,
41.4130

 2.7937, 0.7686,
0.0000

 121.2262, 92.2988,
58.0239

 1.0456, 0.0000,
0.0000

 152.4946,
119.0503, 78.5709

 0.0000, 0.0000,
0.0000

 188.7246,

150.5275, 103.4727

230.2813,
187.1150, 133.1478

■ 26.5189, 15.9755,
5.9608

■ 26.5189, 15.9755,
5.9608

■ 25.2244, 14.0816,
3.3872

■ 28.4156, 18.7513,
9.7306

■ 24.4586, 12.9610,
1.8651

■ 30.9743, 22.4955,
14.8170

■ 24.0874, 12.4177,
1.1273

■ 34.2490, 27.2874,
21.3268

■ 38.2877, 33.1972,
29.3556

■ 43.1344, 40.2894,
38.9907

■ 48.8297, 48.6231,
50.3128

■ 55.4114, 58.2539,
63.3971

■ 62.9151, 69.2339,
78.3145

■ 71.3744, 81.6121,
95.1316

Harmonies

Analogous

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



28.7368, 15.9755, 17.1521



26.5189, 15.9755, 5.9608



21.1534, 15.9755, 1.9805

Triad

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



26.5189, 15.9755, 5.9608



7.5970, 15.9755, 6.1698



15.2695, 15.9755, 70.2310

Complementary

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



26.5189, 15.9755, 5.9608



33.2904, 46.9464, 62.5650

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.



10.4591, 15.9755, 60.5243



26.5189, 15.9755, 5.9608



6.7464, 15.9755, 17.6394

Square

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



26.5189, 15.9755, 5.9608



10.3446, 15.9755, 2.0383



7.6507, 15.9755, 38.2351



21.3377, 15.9755, 59.9666

Rectangle

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



26.5189, 15.9755, 5.9608



17.0460, 15.9755, 1.2508



7.6507, 15.9755, 38.2351



13.4632, 15.9755, 69.1531

Sweetspot

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



26.5193, 15.9764, 5.9610



72.8282, 67.4833, 64.7234



36.2457, 19.8662, 57.1823



15.0701, 13.6860, 12.8234



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.



26.5193, 15.9764, 5.9610



42.4233, 22.9918, 4.2815



32.9522, 28.8423, 8.1054



10.6340, 10.6371, 11.0554



15.1454, 7.8079, 0.7088



0.7172, 0.3697, 0.0336

Inverse Universe

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



33.2904, 46.9464, 62.5650



54.7119, 79.1981, 107.0109



20.4554, 21.2763, 58.2867



10.9467, 12.0675, 13.6698



19.7596, 28.9131, 39.2837



0.9356, 1.3691, 1.8601

Previews

White Background



This preview shows how the XYZ color 26.5189, 15.9755, 5.9608 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



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 26.5189, 15.9755, 5.9608

Background



This preview shows how black text looks on a background with the XYZ color 26.5189, 15.9755, 5.9608.



This preview shows how white text looks on a background with the XYZ color 26.5189, 15.9755,

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

26.5189, 15.9755, 5.9608

Protanopia

15.0906, 16.2178, 9.7321

Deuteranopia

16.3588, 16.1666, 5.5071



Tritanopia

26.5728, 15.9970, 6.2446

Trichromacy



Original Color

26.5189, 15.9755, 5.9608

Protanomaly

17.6617, 14.7806, 8.0530

Deuteranomaly

19.0437, 15.1652, 5.5379

Tritanomaly

26.5456, 15.9861, 6.1014

Monochromacy



Original Color

26.5189, 15.9755, 5.9608

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

15.6097, 12.9078, 10.6856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5189, 15.9755, 5.9608 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, 60, 60)` looks like.

```
.text, #text, p{  
    color:rgb(201, 60, 60)  
}
```

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, 60, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 60, 60) }
```

Border

The CSS property to change the border of an element to XYZ 26.5189, 15.9755, 5.9608 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, 60, 60) }
```


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

```
.border{ border-color:rgb(201, 60, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 60, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 60, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 60, 60);  
box-shadow:4px 4px 4px 4px rgb(201, 60,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5189, 15.9755, 5.9608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 60, 60) }
```

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

```
.background{ background-color: rgb(201, 60,  
60) }
```

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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