

Converting Colors

XYZ(26.4732, 15.5025, 5.3609)

Have a look what the booklet for
XYZ(26.4732, 15.5025, 5.3609)
contains.

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Color

**XYZ(26.3901, 15.4804,
5.3385)**

Conversions

Conversions Part 1

Format	Color
Hex	CA3638
RGB	202, 54, 56
RGB Percent	79%, 21%, 22%
CMY	0.2078, 0.7882, 0.7804
CMYK	0.00, 0.73, 0.72, 0.21
HSL	359°, 58%, 50%
HSV	359°, 73%, 79%
XYZ	26.3901, 15.4804, 5.3385
YIQ	98.4800, 87.5660, 31.9980

Conversions

Conversions Part 2

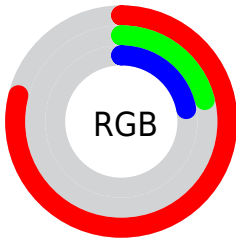
Format	Color
RYB	202, 54, 56
Decimal	13252152
CIELab	46.29, 57.72, 34.19
CIElCh	46, 67.084, 30.639
Yxy	15.4804, 0.5590, 0.3279
Android (android.graphics.Color)	4291442232 (0xFFCA3638)
YUV	98.4800, -20.9426, 90.7870
Hunter-Lab	39.3451, 50.8719, 19.4969

Details

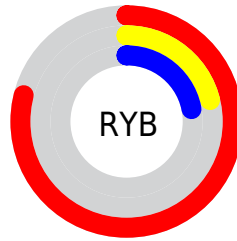
The XYZ color **26.3901, 15.4804, 5.3385** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **33.0687, 47.1959, 62.0161**, and the grayscale version is **11.7656, 12.3784, 13.4800**.

A 20% lighter version of the original color is **49.3726, 33.6082, 16.7168**, and **10.8879, 5.6045, 0.8887** is the 20% darker color. If you saturate the color by 10%, you get **25.2431, 13.8176, 3.0115**, and if you desaturate by 10%, it is **28.1219, 18.0030, 8.8173**.

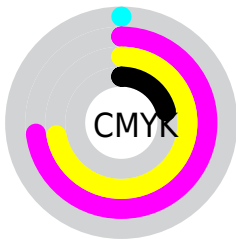
Distribution



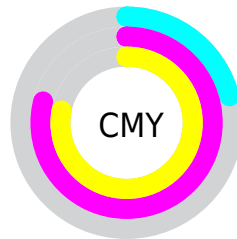
- Red (79%)
- Green (21%)
- Blue (22%)



- Red (79%)
- Yellow (21%)
- Blue (22%)



- Cyan (0%)
- Magenta (73%)
- Yellow (72%)
- Black (21%)





- Cyan (21%)
- Magenta (79%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3901, 15.4804, 5.3385 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 26.3901, 15.4804, 5.3385 by changing the saturation by 10% instead.

 26.3901, 15.4804,
5.3385

 26.3901, 15.4804,
5.3385


276.9135,
226.2558, 162.1086


 17.2499, 9.1572,
2.3850


 53.3304, 35.6938,
16.9949


 10.5092, 4.8439,
0.7783


 71.8613, 50.3528,
26.5350


 5.8027, 2.1560,
0.0000

 94.2531, 68.5591,
39.1076

 2.7650, 0.6958,
0.0000

 120.8712, 90.6973,
55.1314

 1.0307, 0.0000,
0.0000

 152.0809,
117.1517, 75.0248

 0.0000, 0.0000,
0.0000

 188.2476,

148.3066, 99.2065

229.7367,
184.5465, 128.0949

■ 26.3901, 15.4804,
5.3385

■ 26.3901, 15.4804,
5.3385

■ 25.2431, 13.8176,
3.0115

■ 28.1219, 18.0030,
8.8173

■ 24.6034, 12.8980,
1.6887

■ 30.5010, 21.4770,
13.5698

■ 24.3719, 12.5624,
1.2183

■ 33.5833, 25.9852,
19.7033

■ 37.4181, 31.6010,
27.3135

■ 42.0505, 38.3908,
36.4877

■ 47.5219, 46.4159,
47.3063

■ 53.8709, 55.7335,
59.8442

■ 61.1337, 66.3969,
74.1718

■ 69.3445, 78.4568,
90.3555

Harmonies

Analogous

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



28.7279, 15.4804, 16.5059



26.3901, 15.4804, 5.3385



20.8114, 15.4804, 1.5936

Triad

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



26.3901, 15.4804, 5.3385



7.0423, 15.4804, 5.6269



14.8369, 15.4804, 72.2804

Complementary

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



26.3901, 15.4804, 5.3385



33.0687, 47.1959, 62.0161

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.



9.9411, 15.4804, 62.0951



26.3901, 15.4804, 5.3385



6.2108, 15.4804, 17.2100

Square

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



26.3901, 15.4804, 5.3385



9.7781, 15.4804, 1.6678



7.1177, 15.4804, 38.6223



21.0808, 15.4804, 61.2592

Rectangle

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



26.3901, 15.4804, 5.3385



16.5817, 15.4804, 0.9516



7.1177, 15.4804, 38.6223



12.9915, 15.4804, 71.1808

Sweetspot

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



26.3905, 15.4813, 5.3387



72.0254, 66.2148, 63.4167



35.6751, 19.1187, 57.6868



14.9172, 13.4408, 12.5860



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.



26.3905, 15.4813, 5.3387



42.0029, 22.3325, 3.5814



32.4250, 27.6269, 7.1149



11.2184, 11.2161, 11.6845



15.6857, 8.0849, 0.7978



0.8114, 0.4180, 0.0527

Inverse Universe

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



26.3905, 15.4813, 5.3387



42.0029, 22.3325, 3.5814



20.2280, 21.1398, 58.8910



11.2184, 11.2161, 11.6845



15.6857, 8.0849, 0.7978



0.8114, 0.4180, 0.0527

Previews

White Background



This preview shows how the XYZ color 26.3901, 15.4804, 5.3385 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 26.3901, 15.4804, 5.3385

Background



This preview shows how black text looks on a background with the XYZ color 26.3901, 15.4804, 5.3385.



This preview shows how white text looks on a background with the XYZ color 26.3901, 15.4804,

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

26.3901, 15.4804, 5.3385

Protanopia

14.5917, 15.6529, 8.9089

Deuteranopia

15.8812, 15.6268, 4.8686



Tritanopia

26.3901, 15.4804, 5.3385

Trichromacy



Original Color

26.3901, 15.4804, 5.3385

Protanomaly

17.2772, 14.2137, 7.3018

Deuteranomaly

18.6015, 14.4629, 4.8288

Tritanomaly

26.3901, 15.4804, 5.3385

Monochromacy



Original Color

26.3901, 15.4804, 5.3385

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

14.7320, 11.8934, 9.7028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3901, 15.4804, 5.3385 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, 54, 56)` looks like.

```
.text, #text, p{  
    color:rgb(202, 54, 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(202, 54, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 54, 56) }
```

Border

The CSS property to change the border of an element to XYZ 26.3901, 15.4804, 5.3385 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, 54, 56) }
```


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

```
.border{ border-color:rgb(202, 54, 56) }
```

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

Here you see how a box with a 4 pixel rgb(202, 54, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 54, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 54, 56);  
box-shadow:4px 4px 4px 4px rgb(202, 54,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3901, 15.4804, 5.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 54, 56) }
```

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

```
.background{ background-color: rgb(202, 54,  
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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