

Converting Colors

XYZ(26.5523, 15.9278, 5.7343)

Have a look what the booklet for
XYZ(26.5523, 15.9278, 5.7343)
contains.

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Color

**XYZ(26.4151, 15.8509,
5.6703)**

Conversions

Conversions Part 1

Format	Color
Hex	C93B3A
RGB	201, 59, 58
RGB Percent	79%, 23%, 23%
CMY	0.2118, 0.7686, 0.7725
CMYK	0.00, 0.71, 0.71, 0.21
HSL	0°, 57%, 51%
HSV	0°, 71%, 79%
XYZ	26.4151, 15.8509, 5.6703
YIQ	101.3440, 84.9530, 29.7930

Conversions

Conversions Part 2

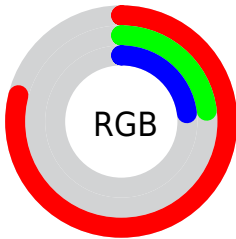
Format	Color
R_{YB}	201, 59, 58
Decimal	13187898
CIE Lab	46.78, 55.70, 33.55
CIE LCh	47, 65.022, 31.064
Yxy	15.8509, 0.5510, 0.3307
Android (android.graphics.Color)	4291377978 (0xFFC93B3A)
YUV	101.3440, -21.3686, 87.3983
Hunter-Lab	39.8132, 48.7574, 19.4250

Details

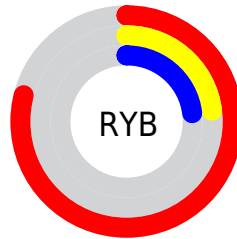
The XYZ color **26.4151, 15.8509, 5.6703** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **32.9397, 46.4210, 62.4821**, and the grayscale version is **12.4977, 13.1486, 14.3188**.

A 20% lighter version of the original color is **49.9723, 34.5621, 17.6730**, and **10.7337, 5.5235, 0.9523** is the 20% darker color. If you saturate the color by 10%, you get **25.1627, 14.0111, 3.2035**, and if you desaturate by 10%, it is **28.2597, 18.5562, 9.3189**.

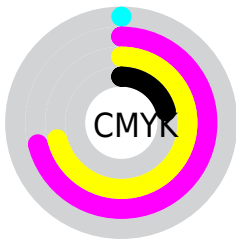
Distribution



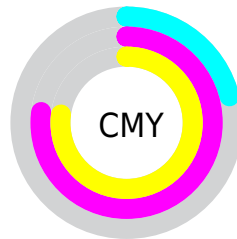
- Red (79%)
- Green (23%)
- Blue (23%)



- Red (79%)
- Yellow (23%)
- Blue (23%)



- Cyan (0%)
- Magenta (71%)
- Yellow (71%)
- Black (21%)





- Cyan (21%)
- Magenta (77%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4151, 15.8509, 5.6703 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 26.4151, 15.8509, 5.6703 by changing the saturation by 10% instead.

 26.4151, 15.8509,
5.6703


 26.4151, 15.8509,
5.6703


277.0333,
228.4603, 165.2941


 17.2687, 9.4187,
2.5801


 53.3704, 36.3392,
17.7083


 10.5228, 5.0153,
0.8822


 71.9100, 51.1640,
27.4933


 5.8118, 2.2562,
0.0000

 94.3115, 69.5552,
40.3469

 2.7706, 0.7504,
0.0000

 120.9401, 91.8972,
56.6877

 1.0336, 0.0000,
0.0000

 152.1613,
118.5743, 76.9343

 0.0000, 0.0000,
0.0000

 188.3403,

149.9709, 101.5052

229.8425,
186.4714, 130.8190

■ 26.4151, 15.8509,
5.6703

■ 26.4151, 15.8509,
5.6703

■ 25.1627, 14.0111,
3.2035

■ 28.2597, 18.5562,
9.3189

■ 24.4293, 12.9294,
1.7718

■ 30.7562, 22.2127,
14.2715

■ 24.1027, 12.4482,
1.1324

■ 33.9582, 26.8986,
20.6355

■ 37.9136, 32.6836,
28.5074

■ 42.6658, 39.6310,
37.9749

■ 48.2553, 47.7994,
49.1192

■ 54.7196, 57.2436,
62.0157

■ 62.0940, 68.0149,
76.7356

■ 70.4117, 80.1619,
93.3459

Harmonies

Analogous

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



28.7422, 15.8509, 16.6876



26.4151, 15.8509, 5.6703



20.9550, 15.8509, 1.8411

Triad

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



26.4151, 15.8509, 5.6703



7.4197, 15.8509, 6.1602



15.2684, 15.8509, 70.7757

Complementary

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



26.4151, 15.8509, 5.6703



32.9397, 46.4210, 62.4821

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.



10.3984, 15.8509, 61.2989



26.4151, 15.8509, 5.6703



6.6070, 15.8509, 17.8431

Square

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



26.4151, 15.8509, 5.6703



10.1279, 15.8509, 1.9741



7.5462, 15.8509, 38.7976



21.3934, 15.8509, 59.9639

Rectangle

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



26.4151, 15.8509, 5.6703



16.8165, 15.8509, 1.1598



7.5462, 15.8509, 38.7976



13.4410, 15.8509, 69.8265

Sweetspot

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



26.4155, 15.8518, 5.6705



72.9158, 67.6585, 64.7526



36.1429, 19.6607, 57.1480



15.0903, 13.7265, 12.8302



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.



26.4155, 15.8518, 5.6705



42.3453, 22.9043, 4.0441



32.7673, 28.5555, 7.7878



10.6398, 10.6487, 11.0574



15.1577, 7.8326, 0.7130



0.7199, 0.3752, 0.0345

Inverse Universe

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



32.9397, 46.4210, 62.4821



54.1328, 78.1853, 106.8459



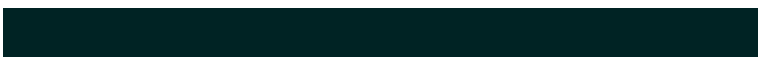
20.2038, 20.9492, 58.2368



10.9401, 12.0542, 13.6676



19.5577, 28.5094, 39.2164



0.9282, 1.3542, 1.8576

Previews

White Background



This preview shows how the XYZ color 26.4151, 15.8509, 5.6703 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 26.4151, 15.8509, 5.6703 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 26.4151, 15.8509, 5.6703

Background



This preview shows how black text looks on a background with the XYZ color 26.4151, 15.8509, 5.6703.



This preview shows how white text looks on a background with the XYZ color 26.4151, 15.8509,

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

26.4151, 15.8509, 5.6703

Protanopia

14.9838, 16.1751, 9.1698

Deuteranopia

16.2110, 15.9416, 5.2402



Tritanopia

26.4937, 15.8824, 6.0841

Trichromacy



Original Color

26.4151, 15.8509, 5.6703

Protanomaly

17.5662, 14.7424, 7.5500

Deuteranomaly

18.9129, 14.9789, 5.2626

Tritanomaly

26.4670, 15.8717, 5.9435

Monochromacy



Original Color

26.4151, 15.8509, 5.6703

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

15.2840, 12.6298, 10.2266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4151, 15.8509, 5.6703 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, 59, 58)` looks like.

```
.text, #text, p{  
    color:rgb(201, 59, 58)  
}
```

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, 59, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 59, 58) }
```

Border

The CSS property to change the border of an element to XYZ 26.4151, 15.8509, 5.6703 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, 59, 58) }
```


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

```
.border{ border-color:rgb(201, 59, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 59, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 59, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 59, 58);  
box-shadow:4px 4px 4px 4px rgb(201, 59,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4151, 15.8509, 5.6703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 59, 58) }
```

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

```
.background{ background-color: rgb(201, 59,  
58) }
```

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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