

Converting Colors

XYZ(26.2651, 16.3440, 5.7734)

Have a look what the booklet for
XYZ(26.2651, 16.3440, 5.7734)
contains.

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Color

**XYZ(26.2651, 16.3440,
5.7734)**

Conversions

Conversions Part 1

Format	Color
Hex	C7423A
RGB	199, 66, 58
RGB Percent	78%, 26%, 23%
CMY	0.2196, 0.7411, 0.7725
CMYK	0.00, 0.67, 0.71, 0.22
HSL	3°, 56%, 50%
HSV	3°, 71%, 78%
XYZ	26.2651, 16.3440, 5.7734
YIQ	104.8550, 81.8360, 25.7080

Conversions

Conversions Part 2

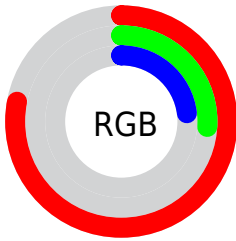
Format	Color
RYB	199, 66, 58
Decimal	13058618
CIELab	47.42, 52.30, 34.21
CIElCh	47, 62.497, 33.190
Yxy	16.3440, 0.5429, 0.3378
Android (android.graphics.Color)	4291248698 (0xFFC7423A)
YUV	104.8550, -23.0995, 82.5652
Hunter-Lab	40.4277, 45.2195, 19.8323

Details

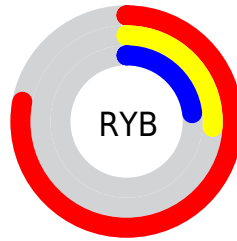
The XYZ color **26.2651, 16.3440, 5.7734** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **30.6827, 42.2811, 60.5764**, and the grayscale version is **13.4338, 14.1334, 15.3913**.

A 20% lighter version of the original color is **50.6789, 35.9754, 17.9085**, and **10.5675, 5.4378, 0.9446** is the 20% darker color. If you saturate the color by 10%, you get **24.9306, 14.3348, 3.2952**, and if you desaturate by 10%, it is **28.1557, 19.1528, 9.4020**.

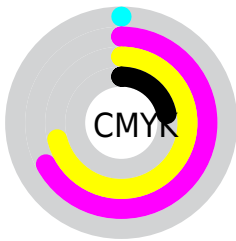
Distribution



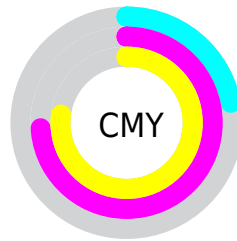
- Red (78%)
- Green (26%)
- Blue (23%)



- Red (78%)
- Yellow (26%)
- Blue (23%)



- Cyan (0%)
- Magenta (67%)
- Yellow (71%)
- Black (22%)





- Cyan (22%)
- Magenta (74%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2651, 16.3440, 5.7734 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 26.2651, 16.3440, 5.7734 by changing the saturation by 10% instead.

 26.2651, 16.3440,
5.7734


 26.2651, 16.3440,
5.7734


276.3139,
231.3631, 166.2667


 17.1558, 9.7679,
2.6412


 53.1306, 37.1944,
17.9282


 10.4416, 5.2453,
0.9136


 71.6174, 52.2375,
27.7879


 5.7572, 2.3919,
0.0000

 93.9609, 70.8716,
40.7272

 2.7373, 0.8217,
0.0000

 120.5262, 93.4813,
57.1647

 1.0164, 0.0000,
0.0000

 151.6788,
120.4509, 77.5188

 0.0000, 0.0000,
0.0000

 187.7841,

152.1648, 102.2081

229.2073,
189.0074, 131.6513

■ 26.2651, 16.3440,
5.7734

■ 26.2651, 16.3440,
5.7734

■ 24.9306, 14.3348,
3.2952

■ 28.1557, 19.1528,
9.4020

■ 24.0903, 13.0393,
1.8281

■ 30.6532, 22.8300,
14.2971

■ 23.6762, 12.3883,
1.1433

■ 33.8039, 27.4402,
20.5613

■ 37.6494, 33.0411,
28.2867

■ 42.2278, 39.6857,
37.5573

■ 47.5743, 47.4233,
48.4508

■ 53.7221, 56.3001,
61.0396

■ 60.7021, 66.3594,
75.3917

■ 68.5439, 77.6426,
91.5715

Harmonies

Analogous

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



28.7851, 16.3440, 16.1511



26.2651, 16.3440, 5.7734



20.8523, 16.3440, 2.0924

Triad

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



26.2651, 16.3440, 5.7734



7.8337, 16.3440, 7.2765



16.1350, 16.3440, 68.9535

Complementary

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



26.2651, 16.3440, 5.7734



30.6827, 42.2811, 60.5764

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.



11.2076, 16.3440, 61.2826



26.2651, 16.3440, 5.7734



7.1402, 16.3440, 19.5486

Square

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



26.2651, 16.3440, 5.7734



10.4016, 16.3440, 2.5270



8.2154, 16.3440, 40.2704



22.1272, 16.3440, 57.4910

Rectangle

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



26.2651, 16.3440, 5.7734



16.8323, 16.3440, 1.4397



8.2154, 16.3440, 40.2704



14.3051, 16.3440, 68.5400

Sweetspot

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



26.2655, 16.3449, 5.7737



73.5454, 68.9179, 64.9625



34.5749, 18.9718, 51.6794



15.2362, 14.0182, 12.8788



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.



26.2655, 16.3449, 5.7737



42.7586, 23.7309, 4.1818



33.0577, 29.9294, 8.0377



10.6814, 10.7320, 11.0713



15.2458, 8.0089, 0.7423



0.7391, 0.4137, 0.0409

Inverse Universe

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



30.6827, 42.2811, 60.5764



50.8166, 71.5529, 105.7405



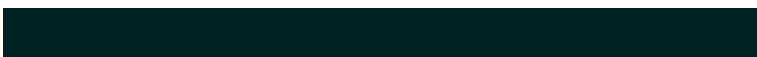
18.9459, 18.8075, 56.6641



10.8931, 11.9603, 13.6519



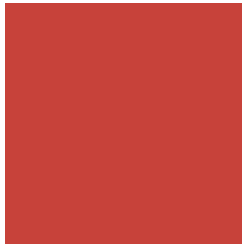
18.1731, 25.7401, 38.7549



0.8766, 1.2510, 1.8404

Previews

White Background



This preview shows how the XYZ color 26.2651, 16.3440, 5.7734 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 26.2651, 16.3440, 5.7734 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 26.2651, 16.3440, 5.7734

Background



This preview shows how black text looks on a background with the XYZ color 26.2651, 16.3440, 5.7734.



This preview shows how white text looks on a background with the XYZ color 26.2651, 16.3440,

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

26.2651, 16.3440, 5.7734

Protanopia

15.3095, 16.5156, 8.8595

Deuteranopia

16.7535, 16.5309, 5.3254



Tritanopia

26.4869, 16.3401, 7.2268

Trichromacy



Original Color

26.2651, 16.3440, 5.7734

Protanomaly

17.9888, 15.3624, 7.4860

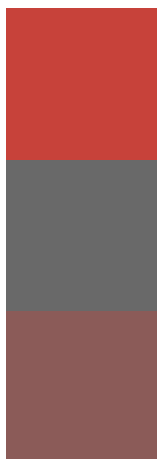
Deuteranomaly

19.2549, 15.6628, 5.3765

Tritanomaly

26.3689, 16.2929, 6.6055

Monochromacy



Original Color

26.2651, 16.3440, 5.7734

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

16.1500, 13.6757, 11.0210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2651, 16.3440, 5.7734 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(199, 66, 58)` looks like.

```
.text, #text, p{  
    color:rgb(199, 66, 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(199, 66, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 66, 58) }
```

Border

The CSS property to change the border of an element to XYZ 26.2651, 16.3440, 5.7734 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(199, 66, 58) }
```


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

```
.border{ border-color:rgb(199, 66, 58) }
```

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

Here you see how a box with a 4 pixel rgb(199, 66, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 66, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 66, 58);  
box-shadow:4px 4px 4px 4px rgb(199, 66,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2651, 16.3440, 5.7734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 66, 58) }
```

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

```
.background{ background-color: rgb(199, 66,  
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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