

Converting Colors

XYZ(26.4731, 15.3366, 2.7921)

Have a look what the booklet for
XYZ(26.4731, 15.3366, 2.7921)
contains.

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Color

**XYZ(26.5518, 15.3541,
2.7925)**

Conversions

Conversions Part 1

Format	Color
Hex	CD321E
RGB	205, 50, 30
RGB Percent	80%, 20%, 12%
CMY	0.1961, 0.8039, 0.8823
CMYK	0.00, 0.76, 0.85, 0.20
HSL	7°, 74%, 46%
HSV	7°, 85%, 80%
XYZ	26.5518, 15.3541, 2.7925
YIQ	94.0650, 98.8000, 26.6400

Conversions

Conversions Part 2

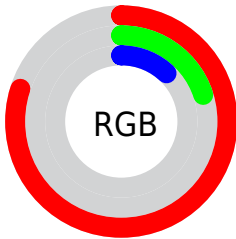
Format	Color
RYB	205, 53, 30
Decimal	13447710
CIELab	46.12, 59.12, 48.12
CIElCh	46, 76.222, 39.142
Yxy	15.3541, 0.5940, 0.3435
Android (android.graphics.Color)	4291637790 (0xFFCD321E)
YUV	94.0650, -31.5840, 97.2900
Hunter-Lab	39.1843, 52.3814, 23.2037

Details

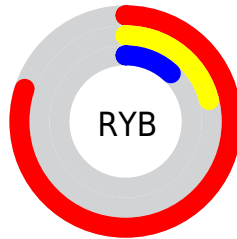
The XYZ color **26.5518, 15.3541, 2.7925** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **28.9013, 39.3767, 63.8344**, and the grayscale version is **10.7119, 11.2698, 12.2728**.

A 20% lighter version of the original color is **47.9421, 32.5209, 10.7715**, and **11.1553, 5.7508, 0.5221** is the 20% darker color. If you saturate the color by 10%, you get **25.7414, 14.0252, 1.6232**, and if you desaturate by 10%, it is **27.8405, 17.3683, 4.9596**.

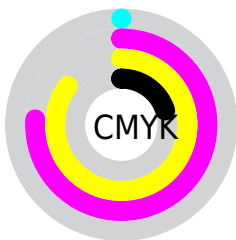
Distribution



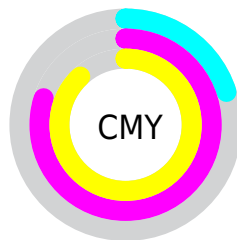
- Red (80%)
- Green (20%)
- Blue (12%)



- Red (80%)
- Yellow (21%)
- Blue (12%)



- Cyan (0%)
- Magenta (76%)
- Yellow (85%)
- Black (20%)





- Cyan (20%)
- Magenta (80%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5518, 15.3541, 2.7925 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 26.5518, 15.3541, 2.7925 by changing the saturation by 10% instead.

 26.5518, 15.3541,
2.7925


 26.5518, 15.3541,
2.7925


277.6877,
225.4996, 133.6723


 17.3717, 9.0683,
0.9897


 53.5888, 35.4732,
11.1120


 10.5968, 4.7857,
0.0000


 72.1764, 50.0752,
18.4657

 5.8617, 2.1221,
0.0000

 94.6306, 68.2182,
28.5069

 2.8010, 0.6770,
0.0000

 121.3168, 90.2864,
41.6539


 1.0494, 0.0000,
0.0000


 152.6002,
116.6642, 58.3255


 0.0000, 0.0000,
0.0000


 188.8463,


147.7361, 78.9400


 230.4203,
183.8864, 103.9161

 26.5518, 15.3541,
2.7925


 26.5518, 15.3541,
2.7925


 25.7414, 14.0252,
1.6232


 27.8405, 17.3683,
4.9596

 25.4919, 13.6095,
1.2833

 29.6677, 20.1414,
8.2854

 32.0854, 23.7405,
12.9025

 35.1391, 28.2245,
18.9253

 38.8699, 33.6469,
26.4557

■ 43.3154, 40.0569,
35.5860

■ 48.5104, 47.5003,
46.4013

■ 54.4873, 56.0201,
58.9804

■ 61.2768, 65.6567,
73.3972

Harmonies

Analogous

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



30.6819, 15.3541, 11.6636



26.5518, 15.3541, 2.7925



19.4963, 15.3541, 0.5790

Triad

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



26.5518, 15.3541, 2.7925



5.7703, 15.3541, 6.9573



16.6649, 15.3541, 82.5243

Complementary

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



26.5518, 15.3541, 2.7925



28.9013, 39.3767, 63.8344

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.



10.5905, 15.3541, 77.1772



26.5518, 15.3541, 2.7925



5.4228, 15.3541, 23.0552

Square

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



26.5518, 15.3541, 2.7925



8.0550, 15.3541, 1.5033



6.9042, 15.3541, 50.8903



23.9601, 15.3541, 62.4964

Rectangle

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



26.5518, 15.3541, 2.7925



14.7809, 15.3541, 0.2304



6.9042, 15.3541, 50.8903



14.4079, 15.3541, 83.8342

Sweetspot

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



26.5521, 15.3550, 2.7927



70.1963, 64.5281, 56.7290



34.6642, 17.5169, 48.8486



14.4576, 12.9950, 10.9734



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.



26.5521, 15.3550, 2.7927



41.6833, 22.1466, 2.0778



34.0750, 30.4007, 5.3003



11.3139, 11.4168, 11.6868



15.9056, 8.5442, 0.8109



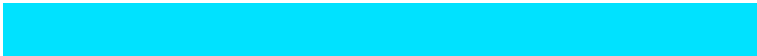
0.8561, 0.5118, 0.0537

Inverse Universe

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



28.9013, 39.3767, 63.8344



45.2030, 61.5259, 104.1010



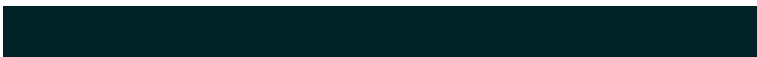
16.1120, 13.7982, 59.5713



11.4295, 12.4994, 14.3806



17.2621, 23.5481, 39.5917



0.9224, 1.2785, 2.0531

Previews

White Background



This preview shows how the XYZ color 26.5518, 15.3541, 2.7925 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 26.5518, 15.3541, 2.7925 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 26.5518, 15.3541, 2.7925

Background



This preview shows how black text looks on a background with the XYZ color 26.5518, 15.3541, 2.7925.



This preview shows how white text looks on a background with the XYZ color 26.5518, 15.3541,

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

26.5518, 15.3541, 2.7925

Protanopia

14.2180, 15.5523, 4.7351

Deuteranopia

15.5978, 15.3896, 2.1484



Tritanopia

26.7882, 15.3148, 4.4499

Trichromacy



Original Color

26.5518, 15.3541, 2.7925

Protanomaly

17.0096, 13.9050, 3.7949

Deuteranomaly

18.3350, 14.1513, 2.0817

Tritanomaly

26.6931, 15.3429, 3.7451

Monochromacy



Original Color

26.5518, 15.3541, 2.7925

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

13.6932, 10.9720, 7.3573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5518, 15.3541, 2.7925 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(205, 50, 30)` looks like.

```
.text, #text, p{  
    color:rgb(205, 50, 30)  
}
```

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(205, 50, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 50, 30) }
```

Border

The CSS property to change the border of an element to XYZ 26.5518, 15.3541, 2.7925 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(205, 50, 30) }
```


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

```
.border{ border-color:rgb(205, 50, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 50, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 50, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 50, 30);  
box-shadow:4px 4px 4px 4px rgb(205, 50,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5518, 15.3541, 2.7925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 50, 30) }
```

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

```
.background{ background-color: rgb(205, 50,  
30) }
```

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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