

Converting Colors

XYZ(26.4358, 14.7108, 5.3598)

Have a look what the booklet for
XYZ(26.4358, 14.7108, 5.3598)
contains.

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Color

**XYZ(26.4333, 14.7187,
5.3187)**

Conversions

Conversions Part 1

Format	Color
Hex	CC2939
RGB	204, 41, 57
RGB Percent	80%, 16%, 22%
CMY	0.2000, 0.8392, 0.7765
CMYK	0.00, 0.80, 0.72, 0.20
HSL	354°, 67%, 48%
HSV	354°, 80%, 80%
XYZ	26.4333, 14.7187, 5.3187
YIQ	91.5610, 92.0120, 39.5320

Conversions

Conversions Part 2

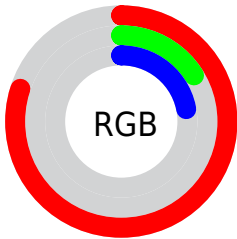
Format	Color
RYB	204, 41, 57
Decimal	13379897
CIELab	45.25, 62.37, 32.49
CIElCh	45, 70.328, 27.512
Yxy	14.7187, 0.5688, 0.3167
Android (android.graphics.Color)	4291569977 (0xFFCC2939)
YUV	91.5610, -17.0386, 98.6090
Hunter-Lab	38.3650, 55.8471, 18.6358

Details

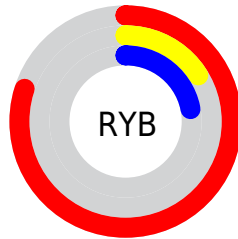
The XYZ color **26.4333, 14.7187, 5.3187** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31.5863, 47.2886, 55.0476**, and the grayscale version is **10.0964, 10.6222, 11.5676**.

A 20% lighter version of the original color is **48.4901, 31.7622, 16.6717**, and **11.0707, 5.6972, 0.9681** is the 20% darker color. If you saturate the color by 10%, you get **25.5224, 13.5034, 3.1462**, and if you desaturate by 10%, it is **27.8763, 16.7327, 8.4890**.

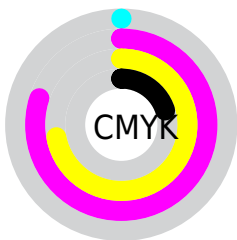
Distribution



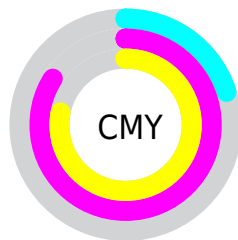
- Red (80%)
- Green (16%)
- Blue (22%)



- Red (80%)
- Yellow (16%)
- Blue (22%)



- Cyan (0%)
- Magenta (80%)
- Yellow (72%)
- Black (20%)





- Cyan (20%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4333, 14.7187, 5.3187 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 26.4333, 14.7187, 5.3187 by changing the saturation by 10% instead.


 26.4333, 14.7187,
5.3187


 26.4333, 14.7187,
5.3187


277.1205,
221.6572, 161.9157


 17.2825, 8.6222,
2.3735


 53.3995, 34.3589,
16.9521


 10.5326, 4.4956,
0.7719


 71.9455, 48.6715,
26.4773


 5.8185, 1.9545,
0.0000

 94.3540, 66.4915,
39.0329

 2.7746, 0.5808,
0.0000

 120.9903, 88.2033,
55.0374

 1.0357, 0.0000,
0.0000

 152.2197,
114.1914, 74.9094

 0.0000, 0.0000,
0.0000

 188.4077,

144.8402, 99.0675

229.9195,
180.5340, 127.9300

■ 26.4333, 14.7187,
5.3187

■ 26.4333, 14.7187,
5.3187

■ 25.5224, 13.5034,
3.1462

■ 27.8763, 16.7327,
8.4890

■ 25.0321, 12.8932,
1.8406

■ 29.9164, 19.6485,
12.7581

■ 25.0280, 12.8878,
1.8307

■ 32.6098, 23.5565,
18.2152

■ 36.0064, 28.5356,
24.9399

■ 40.1508, 34.6564,
33.0053

■ 45.0842, 41.9838,
42.4785

■ 50.8447, 50.5777,
53.4224

■ 57.4678, 60.4939,
65.8960

■ 64.9871, 71.7852,
79.9550

Harmonies

Analogous

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



28.3963, 14.7187, 17.4566



26.4333, 14.7187, 5.3187



20.8952, 14.7187, 1.3487

Triad

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



26.4333, 14.7187, 5.3187



6.5193, 14.7187, 4.2462



13.5100, 14.7187, 74.0224

Complementary

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



26.4333, 14.7187, 5.3187



31.5863, 47.2886, 55.0476

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.



8.8027, 14.7187, 61.0499



26.4333, 14.7187, 5.3187



5.5288, 14.7187, 14.6761

Square

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



26.4333, 14.7187, 5.3187



9.4345, 14.7187, 1.0990



6.2319, 14.7187, 35.8348



19.8160, 14.7187, 64.5031

Rectangle

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



26.4333, 14.7187, 5.3187



16.5492, 14.7187, 0.6535



6.2319, 14.7187, 35.8348



11.7087, 14.7187, 72.0234

Sweetspot

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



26.4336, 14.7196, 5.3189



70.8896, 63.9155, 63.1233



32.3579, 16.5999, 58.6250



14.5549, 12.7626, 12.3217



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.



26.4336, 14.7196, 5.3189



41.6425, 21.5981, 3.5034



30.4777, 23.3486, 4.9996



11.2563, 11.2312, 11.8842



15.7690, 8.1182, 1.2362



0.8291, 0.4251, 0.1461

Inverse Universe

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



26.4336, 14.7196, 5.3189



41.6425, 21.5981, 3.5034



21.0185, 23.2403, 60.5043



11.2563, 11.2312, 11.8842



15.7690, 8.1182, 1.2362



0.8291, 0.4251, 0.1461

Previews

White Background



This preview shows how the XYZ color 26.4333, 14.7187, 5.3187 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 26.4333, 14.7187, 5.3187 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 26.4333, 14.7187, 5.3187

Background



This preview shows how black text looks on a background with the XYZ color 26.4333, 14.7187, 5.3187.



This preview shows how white text looks on a background with the XYZ color 26.4333, 14.7187,

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

26.4333, 14.7187, 5.3187

Protanopia

14.0130, 15.0173, 9.7495

Deuteranopia

15.1949, 14.9741, 4.7788



Tritanopia

26.2203, 14.7470, 3.8474

Trichromacy



Original Color

26.4333, 14.7187, 5.3187

Protanomaly

16.5528, 13.1044, 7.7879

Deuteranomaly

17.7643, 13.3473, 4.7720

Tritanomaly

26.2842, 14.7150, 4.3607

Monochromacy



Original Color

26.4333, 14.7187, 5.3187

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

13.4667, 10.3161, 8.6786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4333, 14.7187, 5.3187 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(204, 41, 57)` looks like.

```
.text, #text, p{  
    color:rgb(204, 41, 57)  
}
```

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(204, 41, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 41, 57) }
```

Border

The CSS property to change the border of an element to XYZ 26.4333, 14.7187, 5.3187 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(204, 41, 57) }
```


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

```
.border{ border-color:rgb(204, 41, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 41, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 41, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 41, 57);  
box-shadow:4px 4px 4px 4px rgb(204, 41,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4333, 14.7187, 5.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 41, 57) }
```

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

```
.background{ background-color: rgb(204, 41,  
57) }
```

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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