

Converting Colors

XYZ(26.3688, 13.9933, 6.5055)

Have a look what the booklet for
XYZ(26.3688, 13.9933, 6.5055)
contains.

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Color

**XYZ(26.2328, 13.9260,
6.4596)**

Conversions

Conversions Part 1

Format	Color
Hex	CC1942
RGB	204, 25, 66
RGB Percent	80%, 10%, 26%
CMY	0.2000, 0.9019, 0.7412
CMYK	0.00, 0.88, 0.68, 0.20
HSL	346°, 78%, 45%
HSV	346°, 88%, 80%
XYZ	26.2328, 13.9260, 6.4596
YIQ	83.1950, 93.5230, 50.6990

Conversions

Conversions Part 2

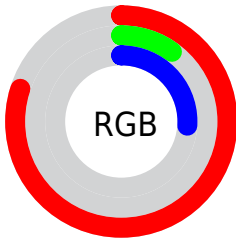
Format	Color
RYB	204, 25, 66
Decimal	13375810
CIELab	44.13, 66.37, 25.66
CIElCh	44, 71.163, 21.139
Yxy	13.9260, 0.5627, 0.2987
Android (android.graphics.Color)	4291565890 (0xFFCC1942)
YUV	83.1950, -8.4771, 105.9460
Hunter-Lab	37.3176, 60.1729, 15.8593

Details

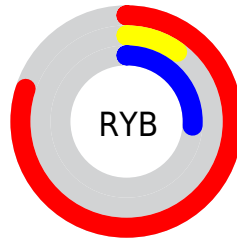
The XYZ color **26.2328, 13.9260, 6.4596** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **28.6070, 46.0375, 42.0391**, and the grayscale version is **8.2674, 8.6979, 9.4720**.

A 20% lighter version of the original color is **48.2800, 30.4803, 19.2582**, and **11.3202, 5.8167, 1.3903** is the 20% darker color. If you saturate the color by 10%, you get **25.5334, 13.1703, 4.2447**, and if you desaturate by 10%, it is **27.3689, 15.3516, 9.4494**.

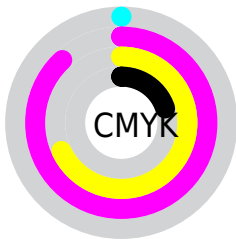
Distribution



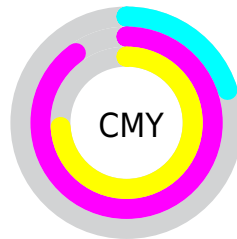
- Red (80%)
- Green (10%)
- Blue (26%)



- Red (80%)
- Yellow (10%)
- Blue (26%)



- Cyan (0%)
- Magenta (88%)
- Yellow (68%)
- Black (20%)





- Cyan (20%)
- Magenta (90%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2328, 13.9260, 6.4596 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 26.2328, 13.9260, 6.4596 by changing the saturation by 10% instead.


 26.2328, 13.9260,
6.4596


 26.2328, 13.9260,
6.4596


276.1588,
216.7700, 172.5516


 17.1315, 8.0692,
3.0532


 53.0789, 32.9577,
19.3715


 10.4242, 4.1393,
1.1219


 71.5544, 46.9013,
29.7142


 5.7455, 1.7518,
0.0000

 93.8853, 64.3094,
43.2060

 2.7301, 0.4568,
0.0000

 120.4370, 85.5663,
60.2655

 1.0127, 0.0000,
0.0000

 151.5749,
111.0565, 81.3113

 0.0000, 0.0000,
0.0000

 187.6642,

141.1642, 106.7619

229.0704,
176.2739, 137.0358

■ 26.2328, 13.9260,
6.4596

■ 26.2328, 13.9260,
6.4596

■ 25.5334, 13.1703,
4.2447

■ 27.3689, 15.3516,
9.4494

■ 25.4088, 13.0401,
3.8362

■ 29.0186, 17.5847,
13.2865

■ 31.2385, 20.7250,
18.0322

■ 34.0770, 24.8569,
23.7419

■ 37.5776, 30.0553,
30.4662

■ 41.7793, 36.3876,
38.2519

■ 46.7184, 43.9158,
47.1432

■ 52.4285, 52.6973,
57.1815

■ 58.9411, 62.7857,
68.4059

Harmonies

Analogous

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



27.1967, 13.9260, 20.4997



26.2328, 13.9260, 6.4596



21.3237, 13.9260, 1.5292

Triad

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



26.2328, 13.9260, 6.4596



6.4320, 13.9260, 2.7976



11.6267, 13.9260, 71.6753

Complementary

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



26.2328, 13.9260, 6.4596



28.6070, 46.0375, 42.0391

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.



7.5060, 13.9260, 54.7909



26.2328, 13.9260, 6.4596



5.1215, 13.9260, 10.8436

Square

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



26.2328, 13.9260, 6.4596



9.6807, 13.9260, 0.6786



5.4487, 13.9260, 29.4421



17.5706, 13.9260, 66.9161

Rectangle

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



26.2328, 13.9260, 6.4596



17.0832, 13.9260, 0.6109



5.4487, 13.9260, 29.4421



10.0151, 13.9260, 68.0648

Sweetspot

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



26.2331, 13.9269, 6.4598



70.2578, 61.8801, 65.2921



26.1958, 12.7622, 58.2089



14.4735, 12.3894, 12.9438



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.



26.2331, 13.9269, 6.4598



42.0135, 21.5694, 6.0032



27.4435, 17.6399, 2.8794



11.3158, 11.2550, 12.1976



16.0226, 8.2196, 2.5715



0.8566, 0.4360, 0.2905

Inverse Universe

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



26.2331, 13.9269, 6.4598



42.0135, 21.5694, 6.0032



23.2347, 28.4350, 61.3901



11.3158, 11.2550, 12.1976



16.0226, 8.2196, 2.5715



0.8566, 0.4360, 0.2905

Previews

White Background



This preview shows how the XYZ color 26.2328, 13.9260, 6.4596 looks on a white background.

Color Contrast Check

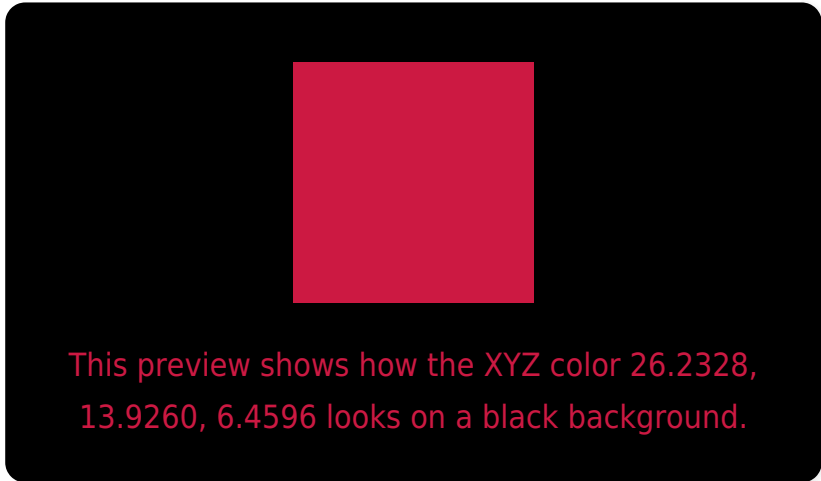
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2328, 13.9260, 6.4596

Background



This preview shows how black text looks on a background with the XYZ color 26.2328, 13.9260, 6.4596.



This preview shows how white text looks on a background with the XYZ color 26.2328, 13.9260,

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

26.2328, 13.9260, 6.4596

Protanopia

13.5475, 14.2444, 12.8619

Deuteranopia

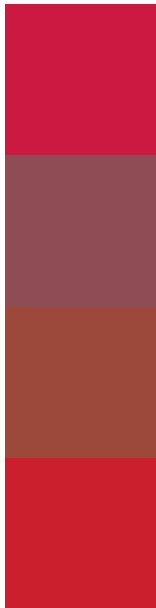
14.4455, 14.2699, 5.8639



Tritanopia

25.4751, 13.9504, 2.7888

Trichromacy



Original Color

26.2328, 13.9260, 6.4596

Protanomaly

15.6863, 11.7383, 9.8265

Deuteranomaly

16.9085, 12.1593, 5.7308

Tritanomaly

25.5922, 13.8659, 3.8102

Monochromacy



Original Color

26.2328, 13.9260, 6.4596

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

11.8146, 8.4931, 8.0378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2328, 13.9260, 6.4596 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, 25, 66)` looks like.

```
.text, #text, p{  
    color:rgb(204, 25, 66)  
}
```

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, 25, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 25, 66) }
```

Border

The CSS property to change the border of an element to XYZ 26.2328, 13.9260, 6.4596 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, 25, 66) }
```


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

```
.border{ border-color:rgb(204, 25, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 25, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 25, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 25, 66);  
box-shadow:4px 4px 4px 4px rgb(204, 25,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2328, 13.9260, 6.4596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 25, 66) }
```

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

```
.background{ background-color: rgb(204, 25,  
66) }
```

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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