

Converting Colors

XYZ(27.3343, 14.4183, 5.3274)

Have a look what the booklet for
XYZ(27.3343, 14.4183, 5.3274)
contains.

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Color

**XYZ(27.3451, 14.4346,
5.3479)**

Conversions

Conversions Part 1

Format	Color
Hex	D1163A
RGB	209, 22, 58
RGB Percent	82%, 9%, 23%
CMY	0.1804, 0.9136, 0.7725
CMYK	0.00, 0.89, 0.72, 0.18
HSL	348°, 81%, 45%
HSV	348°, 89%, 82%
XYZ	27.3451, 14.4346, 5.3479
YIQ	82.0170, 99.8960, 50.8400

Conversions

Conversions Part 2

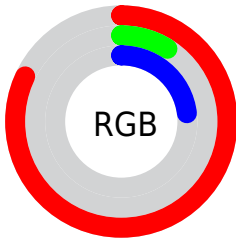
Format	Color
RYB	209, 22, 58
Decimal	13702714
CIELab	44.85, 67.79, 31.67
CIELCh	45, 74.827, 25.039
Yxy	14.4346, 0.5802, 0.3063
Android (android.graphics.Color)	4291892794 (0xFFD1163A)
YUV	82.0170, -11.8404, 111.3641
Hunter-Lab	37.9929, 61.9865, 18.2493

Details

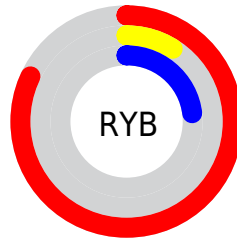
The XYZ color **27.3451, 14.4346, 5.3479** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **30.6769, 48.7895, 47.3481**, and the grayscale version is **8.0350, 8.4534, 9.2058**.

A 20% lighter version of the original color is **47.7925, 30.2853, 16.6913**, and **11.9552, 6.1515, 1.0876** is the 20% darker color. If you saturate the color by 10%, you get **26.7089, 13.7406, 3.3535**, and if you desaturate by 10%, it is **28.4213, 15.7839, 8.1836**.

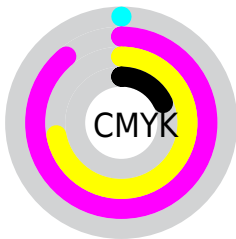
Distribution



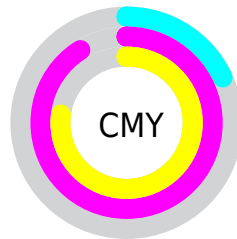
- Red (82%)
- Green (9%)
- Blue (23%)



- Red (82%)
- Yellow (9%)
- Blue (23%)



- Cyan (0%)
- Magenta (89%)
- Yellow (72%)
- Black (18%)





- Cyan (18%)
- Magenta (91%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3451, 14.4346, 5.3479 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 27.3451, 14.4346, 5.3479 by changing the saturation by 10% instead.


 27.3451, 14.4346,
5.3479

 27.3451, 14.4346,
5.3479


281.4613,
219.9180, 162.2001


 17.9705, 8.4236,
2.3905


 54.8531, 33.8582,
17.0153


 11.0284, 4.3671,
0.7813


 73.7173, 48.0395,
26.5623

 6.1534, 1.8810,
0.0000


 96.4753, 65.7131,
39.1430

 2.9801, 0.5369,
0.0000

 123.4926, 87.2633,
55.1759

 1.1432, 0.0000,
0.0000

 155.1345,
113.0744, 75.0795

 0.0608, 0.0000,
0.0000

 191.7663,

 0.0000, 0.0000,

143.5310, 99.2724

0.0000

233.7535,
179.0174, 128.1731

■ 27.3451, 14.4346,
5.3479

■ 27.3451, 14.4346,
5.3479

■ 26.7089, 13.7406,
3.3535

■ 28.4213, 15.7839,
8.1836

■ 26.6809, 13.7099,
3.2665

■ 30.0391, 17.9708,
11.9553

■ 32.2620, 21.1054,
16.7389

■ 35.1445, 25.2801,
22.6022

■ 38.7346, 30.5765,
29.6068

■ 43.0759, 37.0678,
37.8094

■ 48.2085, 44.8213,
47.2632

■ 54.1693, 53.8989,
58.0180

■ 60.9932, 64.3587,
70.1208

Harmonies

Analogous

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



29.0578, 14.4346, 18.8078



27.3451, 14.4346, 5.3479



21.6080, 14.4346, 1.1272

Triad

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



27.3451, 14.4346, 5.3479



6.1710, 14.4346, 3.2495



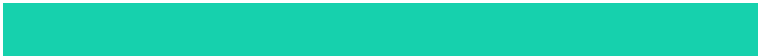
12.7291, 14.4346, 78.6637

Complementary

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



27.3451, 14.4346, 5.3479



30.6769, 48.7895, 47.3481

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.



8.0312, 14.4346, 62.5256



27.3451, 14.4346, 5.3479



5.0313, 14.4346, 12.9845

Square

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



27.3451, 14.4346, 5.3479



9.3258, 14.4346, 0.6665



5.5939, 14.4346, 34.6787



19.3137, 14.4346, 70.1145

Rectangle

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



27.3451, 14.4346, 5.3479



16.9797, 14.4346, 0.3521



5.5939, 14.4346, 34.6787



10.9061, 14.4346, 75.7340

Sweetspot

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



27.3454, 14.4355, 5.3481



69.1855, 60.5830, 62.3221



28.7225, 13.9042, 61.4911



14.2562, 12.1365, 12.3108



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.



27.3454, 14.4355, 5.3481



41.7957, 21.4823, 4.8564



29.1721, 19.0788, 2.9054



11.9004, 11.8449, 12.7512



16.4783, 8.4642, 2.1591



0.9495, 0.4845, 0.2689

Inverse Universe

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



27.3454, 14.4355, 5.3481



41.7957, 21.4823, 4.8564



23.2160, 27.5264, 64.4106



11.9004, 11.8449, 12.7512



16.4783, 8.4642, 2.1591



0.9495, 0.4845, 0.2689

Previews

White Background



This preview shows how the XYZ color 27.3451, 14.4346, 5.3479 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 27.3451, 14.4346, 5.3479 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 27.3451, 14.4346, 5.3479

Background



This preview shows how black text looks on a background with the XYZ color 27.3451, 14.4346, 5.3479.



This preview shows how white text looks on a background with the XYZ color 27.3451, 14.4346,

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

27.3451, 14.4346, 5.3479

Protanopia

13.8368, 14.7487, 10.7118

Deuteranopia

14.9373, 14.6945, 4.7384



Tritanopia

26.6745, 14.4176, 2.4139

Trichromacy



Original Color

27.3451, 14.4346, 5.3479

Protanomaly

16.2489, 12.0664, 8.1293

Deuteranomaly

17.6780, 12.5812, 4.6286

Tritanomaly

26.7542, 14.3337, 3.1903

Monochromacy



Original Color

27.3451, 14.4346, 5.3479

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

11.7205, 8.3020, 7.2880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3451, 14.4346, 5.3479 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(209, 22, 58)` looks like.

```
.text, #text, p{  
  color:rgb(209, 22, 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(209, 22, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 22, 58) }
```

Border

The CSS property to change the border of an element to XYZ 27.3451, 14.4346, 5.3479 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(209, 22, 58) }
```


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

```
.border{ border-color:rgb(209, 22, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 22, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 22, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 22, 58);  
box-shadow:4px 4px 4px 4px rgb(209, 22,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3451, 14.4346, 5.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 22, 58) }
```

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

```
.background{ background-color: rgb(209, 22,  
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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