

Converting Colors

XYZ(27.5502, 14.0609, 7.6955)

Have a look what the booklet for
XYZ(27.5502, 14.0609, 7.6955)
contains.

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Color

**XYZ(27.5305, 14.0497,
7.7394)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D1004A |
| RGB | 209, 0, 74 |
| RGB Percent | 82%, 0%, 29% |
| CMY | 0.1804, 0.9998, 0.7098 |
| CMYK | 0.00, 1.00, 0.65, 0.18 |
| HSL | 339°, 100%, 41% |
| HSV | 339°, 100%, 82% |
| XYZ | 27.5305, 14.0497, 7.7394 |
| YIQ | 70.9270, 100.8100, 67.3220 |

Conversions

Conversions Part 2

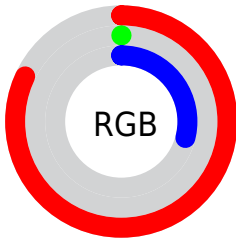
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 209, 0, 74 |
| Decimal | 13697098 |
| CIELab | 44.30, 70.89, 21.13 |
| CIElCh | 44, 73.972, 16.594 |
| Yxy | 14.0497, 0.5582, 0.2849 |
| Android (android.graphics.Color) | 4291887178 (0xFFD1004A) |
| YUV | 70.9270, 1.5150, 121.0900 |
| Hunter-Lab | 37.4829, 65.5097, 13.9960 |

Details

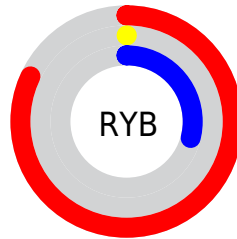
The XYZ color **27.5305, 14.0497, 7.7394** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **27.1770, 47.3514, 30.6447**, and the grayscale version is **5.9664, 6.2771, 6.8357**.

A 20% lighter version of the original color is **48.2426, 29.6446, 21.5917**, and **12.1014, 6.2099, 1.8571** is the 20% darker color. If you saturate the color by 10%, you get **27.5294, 14.0493, 7.7345**, and if you desaturate by 10%, it is **28.3024, 14.7858, 10.4872**.

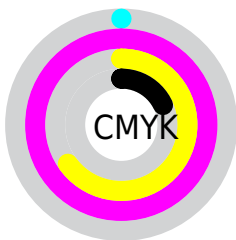
Distribution



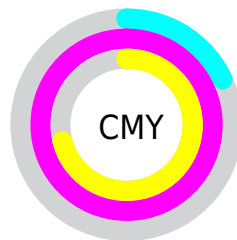
- Red (82%)
- Green (0%)
- Blue (29%)



- Red (82%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5305, 14.0497, 7.7394 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 27.5305, 14.0497, 7.7394 by changing the saturation by 10% instead.

 27.5305, 14.0497,
7.7394


 27.5305, 14.0497,
7.7394


282.3376,
217.5398, 183.5311


 18.1107, 8.1552,
3.8433


 55.1479, 33.1772,
21.9836


 11.1297, 4.1944,
1.5398


 74.0762, 47.1790,
33.1688

 6.2220, 1.7829,
0.2473


 96.9047, 64.6521,
47.6208

 3.0225, 0.4765,
0.0000

 123.9987, 85.9808,
65.7581

 1.1657, 0.0000,
0.0000

 155.7237,
111.5495, 87.9992

 0.0790, 0.0000,
0.0000

 192.4449,

 0.0000, 0.0000,

141.7426, 114.7627

0.0000

234.5277,
176.9446, 146.4672

■ 27.5305, 14.0497,
7.7394

■ 27.5305, 14.0497,
7.7394

■ 27.5294, 14.0493,
7.7345

■ 28.3024, 14.7858,
10.4872

■ 29.4660, 16.1397,
13.8756

■ 31.1239, 18.3083,
17.9652

■ 33.3340, 21.3994,
22.7995

■ 36.1455, 25.5039,
28.4179

■ 39.6019, 30.7019,
34.8564

■ 43.7425, 37.0654,
42.1487

■ 48.6033, 44.6600,
50.3264

■ 54.2178, 53.5465,
59.4192

Harmonies

Analogous

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



27.7972, 14.0497, 24.1853



27.5305, 14.0497, 7.7394



22.8199, 14.0497, 1.7251

Triad

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



27.5305, 14.0497, 7.7394



6.6656, 14.0497, 2.0426



10.8811, 14.0497, 74.1106

Complementary

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



27.5305, 14.0497, 7.7394



27.1770, 47.3514, 30.6447

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.



6.9518, 14.0497, 53.3917



27.5305, 14.0497, 7.7394



5.0505, 14.0497, 8.9076

Square

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



27.5305, 14.0497, 7.7394



10.3554, 14.0497, 0.3842



5.1368, 14.0497, 26.6452



16.8815, 14.0497, 72.7728

Rectangle

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



27.5305, 14.0497, 7.7394



18.4140, 14.0497, 0.5944



5.1368, 14.0497, 26.6452



9.3176, 14.0497, 69.0835

Sweetspot

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



27.5308, 14.0506, 7.7396



68.3492, 57.7358, 65.6646



21.0846, 9.5408, 61.0515



14.0116, 11.4039, 12.9798



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.



27.5308, 14.0506, 7.7396



43.0963, 22.0025, 11.7050



26.7075, 14.3813, 1.3695



11.9791, 11.8764, 13.1657



17.0166, 8.6795, 4.9937



0.9888, 0.5002, 0.4758

Inverse Universe

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



27.5308, 14.0506, 7.7396



43.0963, 22.0025, 11.7050



28.0612, 37.7078, 66.1206



11.9791, 11.8764, 13.1657



17.0166, 8.6795, 4.9937



0.9888, 0.5002, 0.4758

Previews

White Background



This preview shows how the XYZ color 27.5305, 14.0497, 7.7394 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 27.5305, 14.0497, 7.7394

Background



This preview shows how black text looks on a background with the XYZ color 27.5305, 14.0497, 7.7394.



This preview shows how white text looks on a background with the XYZ color 27.5305, 14.0497,

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

27.5305, 14.0497, 7.7394

Protanopia

14.0987, 14.6003, 16.5431

Deuteranopia

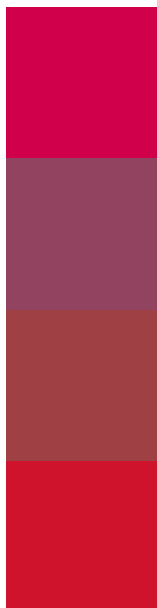
14.9114, 14.6302, 7.0390



Tritanopia

26.6745, 14.4176, 2.4139

Trichromacy



Original Color

27.5305, 14.0497, 7.7394

Protanomaly

15.7955, 10.8786, 12.3336

Deuteranomaly

17.2318, 11.5689, 6.7936

Tritanomaly

26.6999, 14.0575, 3.6890

Monochromacy



Original Color

27.5305, 14.0497, 7.7394

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

9.9932, 6.4096, 6.8414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5305, 14.0497, 7.7394 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, 0, 74)` looks like.

```
.text, #text, p{  
  color:rgb(209, 0, 74)  
}
```

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, 0, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 74) }
```

Border

The CSS property to change the border of an element to XYZ 27.5305, 14.0497, 7.7394 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, 0, 74) }
```


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

```
.border{ border-color:rgb(209, 0, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 0, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 74);  
box-shadow:4px 4px 4px 4px rgb(209, 0, 74)  
}
```

Background

The CSS property to change the background color of an element to XYZ 27.5305, 14.0497, 7.7394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 74) }
```

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

```
.background{ background-color: rgb(209, 0,  
74) }
```

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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