

Converting Colors

XYZ(27.4626, 14.4332, 7.9008)

Have a look what the booklet for
XYZ(27.4626, 14.4332, 7.9008)
contains.

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Color

**XYZ(27.5354, 14.4781,
7.8218)**

Conversions

Conversions Part 1

Format	Color
Hex	D0164A
RGB	208, 22, 74
RGB Percent	82%, 9%, 29%
CMY	0.1843, 0.9136, 0.7098
CMYK	0.00, 0.89, 0.64, 0.18
HSL	343°, 81%, 45%
HSV	343°, 89%, 82%
XYZ	27.5354, 14.4781, 7.8218
YIQ	83.5420, 94.1640, 55.6040

Conversions

Conversions Part 2

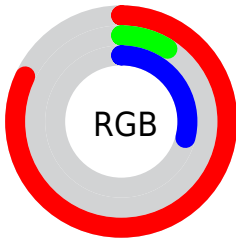
Format	Color
RYB	208, 22, 74
Decimal	13637194
CIELab	44.91, 68.30, 21.88
CIElCh	45, 71.714, 17.763
Yxy	14.4781, 0.5525, 0.2905
Android (android.graphics.Color)	4291827274 (0xFFD0164A)
YUV	83.5420, -4.7042, 109.1497
Hunter-Lab	38.0501, 62.5859, 14.4471

Details

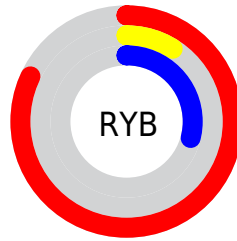
The XYZ color **27.5354, 14.4781, 7.8218** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **28.8899, 47.6835, 39.1440**, and the grayscale version is **8.3308, 8.7647, 9.5448**.

A 20% lighter version of the original color is **48.7556, 30.6705, 21.7627**, and **12.1014, 6.2099, 1.8571** is the 20% darker color. If you saturate the color by 10%, you get **26.8154, 13.7523, 5.3806**, and if you desaturate by 10%, it is **28.6724, 15.8459, 10.9957**.

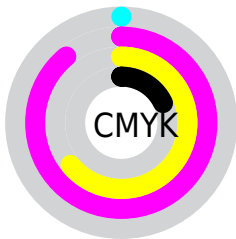
Distribution



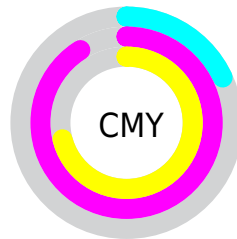
- Red (82%)
- Green (9%)
- Blue (29%)



- Red (82%)
- Yellow (9%)
- Blue (29%)



- Cyan (0%)
- Magenta (89%)
- Yellow (64%)
- Black (18%)





- Cyan (18%)
- Magenta (91%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5354, 14.4781, 7.8218 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 27.5354, 14.4781, 7.8218 by changing the saturation by 10% instead.


 27.5354, 14.4781,
7.8218


 27.5354, 14.4781,
7.8218


282.3607,
220.1852, 184.2096


 18.1144, 8.4539,
3.8950


 55.1557, 33.9350,
22.1487


 11.1323, 4.3868,
1.5679


 74.0856, 48.1365,
33.3859

 6.2239, 1.8922,
0.2678


 96.9160, 65.8325,
47.8970

 3.0236, 0.5437,
0.0000

 124.0121, 87.4076,
66.1005

 1.1663, 0.0000,
0.0000

 155.7392,
113.2459, 88.4150

 0.0795, 0.0000,
0.0000

 192.4628,

 0.0000, 0.0000,

143.7321, 115.2590

0.0000

234.5482,
179.2503, 147.0510

■ 27.5354, 14.4781,
7.8218

■ 27.5354, 14.4781,
7.8218

■ 26.8154, 13.7523,
5.3806

■ 28.6724, 15.8459,
10.9957

■ 26.7794, 13.7167,
5.2567

■ 30.3219, 18.0333,
14.9723

■ 32.5430, 21.1474,
19.8070

■ 35.3861, 25.2783,
25.5491

■ 38.8957, 30.5054,
32.2443

■ 43.1123, 36.8999,
39.9346

■ 48.0729, 44.5272,
48.6598

■ 53.8119, 53.4477,
58.4571

■ 60.3616, 63.7180,
69.3620

Harmonies

Analogous

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



27.9846, 14.4781, 23.6478



27.5354, 14.4781, 7.8218



22.8179, 14.4781, 1.9053

Triad

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



27.5354, 14.4781, 7.8218



6.9869, 14.4781, 2.4958



11.5066, 14.4781, 73.0725

Complementary

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



27.5354, 14.4781, 7.8218



28.8899, 47.6835, 39.1440

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.



7.4876, 14.4781, 53.7995



27.5354, 14.4781, 7.8218



5.4208, 14.4781, 9.8621

Square

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



27.5354, 14.4781, 7.8218



10.5995, 14.4781, 0.6388



5.5735, 14.4781, 27.8116



17.4958, 14.4781, 70.8551

Rectangle

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



27.5354, 14.4781, 7.8218



18.4847, 14.4781, 0.7727



5.5735, 14.4781, 27.8116



9.9195, 14.4781, 68.5324

Sweetspot

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



27.5357, 14.4790, 7.8220



69.8974, 60.8678, 66.0708



25.2490, 12.1277, 60.6844



14.4205, 12.2022, 13.1760



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.



27.5357, 14.4790, 7.8220



42.3859, 21.7184, 7.9644



27.8974, 16.9479, 2.5612



11.9426, 11.8618, 12.9735



16.7262, 8.5633, 3.4645



0.9693, 0.4924, 0.3729

Inverse Universe

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



27.5357, 14.4790, 7.8220



42.3859, 21.7184, 7.9644



25.6647, 32.6213, 64.6182



11.9426, 11.8618, 12.9735



16.7262, 8.5633, 3.4645



0.9693, 0.4924, 0.3729

Previews

White Background



This preview shows how the XYZ color 27.5354, 14.4781, 7.8218 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

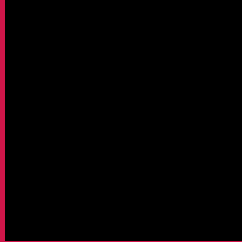
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5354, 14.4781, 7.8218

Background



This preview shows how black text looks on a background with the XYZ color 27.5354, 14.4781, 7.8218.



This preview shows how white text looks on a background with the XYZ color 27.5354, 14.4781,

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

27.5354, 14.4781, 7.8218

Protanopia

14.3419, 14.8919, 16.0284

Deuteranopia

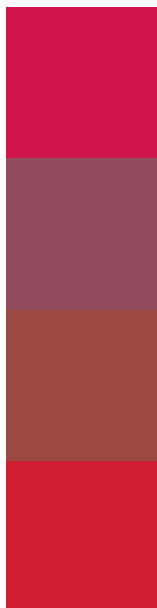
15.0103, 14.8280, 7.0720



Tritanopia

26.6219, 14.5830, 2.9250

Trichromacy



Original Color

27.5354, 14.4781, 7.8218

Protanomaly

16.5041, 12.1061, 12.2933

Deuteranomaly

17.5927, 12.5840, 6.9706

Tritanomaly

26.7508, 14.4157, 4.2783

Monochromacy



Original Color

27.5354, 14.4781, 7.8218

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

12.1700, 8.5838, 8.6048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5354, 14.4781, 7.8218 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(208, 22, 74)` looks like.

```
.text, #text, p{  
    color:rgb(208, 22, 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(208, 22, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 22, 74) }
```

Border

The CSS property to change the border of an element to XYZ 27.5354, 14.4781, 7.8218 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(208, 22, 74) }
```


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

```
.border{ border-color:rgb(208, 22, 74) }
```

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

Here you see how a box with a 4 pixel rgb(208, 22, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 22, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 22, 74);  
box-shadow:4px 4px 4px 4px rgb(208, 22,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5354, 14.4781, 7.8218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 22, 74) }
```

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

```
.background{ background-color: rgb(208, 22,  
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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