

Converting Colors

XYZ(27.9184, 14.7494, 9.4732)

Have a look what the booklet for
XYZ(27.9184, 14.7494, 9.4732)
contains.

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Color

**XYZ(27.9432, 14.7732,
9.5624)**

Conversions

Conversions Part 1

Format	Color
Hex	D01A53
RGB	208, 26, 83
RGB Percent	82%, 10%, 33%
CMY	0.1843, 0.8980, 0.6745
CMYK	0.00, 0.87, 0.60, 0.18
HSL	341°, 78%, 46%
HSV	341°, 87%, 82%
XYZ	27.9432, 14.7732, 9.5624
YIQ	86.9160, 90.1750, 56.3110

Conversions

Conversions Part 2

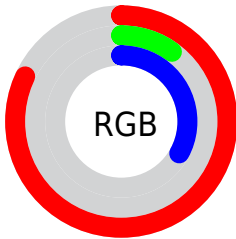
Format	Color
R_{YB}	208, 26, 83
Decimal	13638227
CIE Lab	45.32, 68.15, 16.83
CIE LCh	45, 70.196, 13.871
Yxy	14.7732, 0.5345, 0.2826
Android (android.graphics.Color)	4291828307 (0xFFD01A53)
YUV	86.9160, -1.9306, 106.1907
Hunter-Lab	38.4359, 62.5080, 12.1545

Details

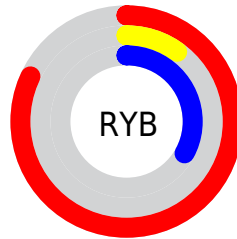
The XYZ color **27.9432, 14.7732, 9.5624** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **28.5698, 47.5665, 36.9620**, and the grayscale version is **9.0336, 9.5040, 10.3499**.

A 20% lighter version of the original color is **49.5877, 31.2917, 25.2561**, and **12.2203, 6.2575, 2.4832** is the 20% darker color. If you saturate the color by 10%, you get **27.1343, 13.9493, 6.8460**, and if you desaturate by 10%, it is **29.1928, 16.2970, 12.9867**.

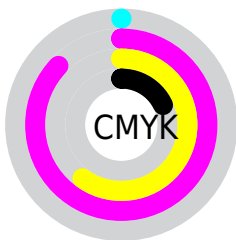
Distribution



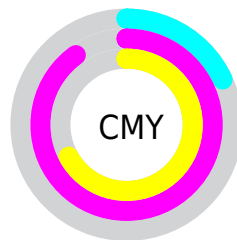
- Red (82%)
- Green (10%)
- Blue (33%)



- Red (82%)
- Yellow (10%)
- Blue (33%)



- Cyan (0%)
- Magenta (87%)
- Yellow (60%)
- Black (18%)





- Cyan (18%)
- Magenta (90%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9432, 14.7732, 9.5624 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 27.9432, 14.7732, 9.5624 by changing the saturation by 10% instead.


 27.9432, 14.7732,
9.5624


 27.9432, 14.7732,
9.5624

284.2804,
221.9893, 197.8897


 18.4231, 8.6604,
5.0080


 55.8030, 34.4548,
25.5639


 11.3557, 4.5203,
2.1931


 74.8734, 48.7924,
37.8481


 6.3757, 1.9687,
0.6704


 97.8580, 66.6403,
53.5460

 3.1176, 0.5892,
0.0000

 125.1221, 88.3830,
73.0761

 1.2163, 0.0000,
0.0000

 157.0310,
114.4049, 96.8570

 0.1192, 0.0000,
0.0000

 193.9501,

 0.0000, 0.0000,

145.0903, 125.3072

0.0000

236.2448,
180.8236, 158.8452

■ 27.9432, 14.7732,
9.5624

■ 27.9432, 14.7732,
9.5624

■ 27.1343, 13.9493,
6.8460

■ 29.1928, 16.2970,
12.9867

■ 26.9702, 13.7930,
6.2612

■ 30.9576, 18.6587,
17.1753

■ 33.2937, 21.9613,
22.1763

■ 36.2492, 26.2921,
28.0331

■ 39.8669, 31.7282,
34.7858

■ 44.1856, 38.3395,
42.4718

■ 49.2411, 46.1899,
51.1261

■ 55.0667, 55.3388,
60.7819

■ 61.6935, 65.8418,
71.4707

Harmonies

Analogous

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



27.7630, 14.7732, 26.7287



27.9432, 14.7732, 9.5624



23.7489, 14.7732, 2.5311

Triad

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



27.9432, 14.7732, 9.5624



7.6279, 14.7732, 2.2797



11.1573, 14.7732, 70.6665

Complementary

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



27.9432, 14.7732, 9.5624



28.5698, 47.5665, 36.9620

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.



7.4222, 14.7732, 50.0732



27.9432, 14.7732, 9.5624



5.8033, 14.7732, 8.7256

Square

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



27.9432, 14.7732, 9.5624



11.5267, 14.7732, 0.6986



5.7402, 14.7732, 25.0536



16.8977, 14.7732, 71.5469

Rectangle

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



27.9432, 14.7732, 9.5624



19.5669, 14.7732, 1.0601



5.7402, 14.7732, 25.0536



9.6685, 14.7732, 65.4028

Sweetspot

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



27.9436, 14.7741, 9.5626



70.9387, 62.1525, 68.8780



24.4014, 11.8132, 60.6684



14.6320, 12.4528, 13.7782



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.



27.9436, 14.7741, 9.5626



42.6822, 21.8369, 9.5246



27.7828, 16.6520, 2.7283



11.9590, 11.8684, 13.0601



16.8481, 8.6121, 4.1060



0.9777, 0.4958, 0.4174

Inverse Universe

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



27.9436, 14.7741, 9.5626



42.6822, 21.8369, 9.5246



27.0710, 35.2927, 65.0597



11.9590, 11.8684, 13.0601



16.8481, 8.6121, 4.1060



0.9777, 0.4958, 0.4174

Previews

White Background



This preview shows how the XYZ color 27.9432, 14.7732, 9.5624 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 27.9432, 14.7732, 9.5624 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 27.9432, 14.7732, 9.5624

Background



This preview shows how black text looks on a background with the XYZ color 27.9432, 14.7732, 9.5624.



This preview shows how white text looks on a background with the XYZ color 27.9432, 14.7732,

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

27.9432, 14.7732, 9.5624

Protanopia

14.6960, 15.1589, 19.2909

Deuteranopia

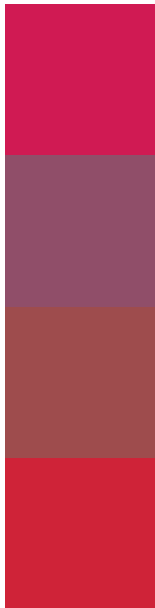
15.3923, 15.1409, 8.5898



Tritanopia

26.5954, 14.7926, 3.4610

Trichromacy



Original Color

27.9432, 14.7732, 9.5624

Protanomaly

16.7758, 12.3980, 14.8735

Deuteranomaly

18.0245, 12.9738, 8.5754

Tritanomaly

27.0470, 14.7530, 5.1635

Monochromacy



Original Color

27.9432, 14.7732, 9.5624

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

12.9301, 9.2778, 9.9134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9432, 14.7732, 9.5624 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, 26, 83)` looks like.

```
.text, #text, p{  
    color:rgb(208, 26, 83)  
}
```

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, 26, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 26, 83) }
```

Border

The CSS property to change the border of an element to XYZ 27.9432, 14.7732, 9.5624 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, 26, 83) }
```


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

```
.border{ border-color:rgb(208, 26, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 26, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 26, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 26, 83);  
box-shadow:4px 4px 4px 4px rgb(208, 26,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9432, 14.7732, 9.5624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 26, 83) }
```

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

```
.background{ background-color: rgb(208, 26,  
83) }
```

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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