

Converting Colors

XYZ(27.2895, 14.2072, 25.1804)

Have a look what the booklet for
XYZ(27.2895, 14.2072, 25.1804)
contains.

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Color

**XYZ(27.2749, 14.1830,
25.3448)**

Conversions

Conversions Part 1

Format	Color
Hex	C21D8A
RGB	194, 29, 138
RGB Percent	76%, 11%, 54%
CMY	0.2392, 0.8862, 0.4588
CMYK	0.00, 0.85, 0.29, 0.24
HSL	320°, 74%, 44%
HSV	320°, 85%, 76%
XYZ	27.2749, 14.1830, 25.3448
YIQ	90.7610, 63.3510, 68.8790

Conversions

Conversions Part 2

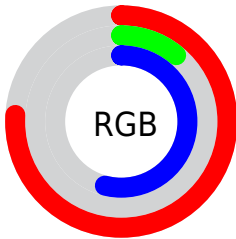
Format	Color
RYB	194, 29, 138
Decimal	12721546
CIELab	44.49, 69.04, -18.73
CIELCh	44, 71.540, 344.824
Yxy	14.1830, 0.4083, 0.2123
Android (android.graphics.Color)	4290911626 (0xFFC21D8A)
YUV	90.7610, 23.2888, 90.5406
Hunter-Lab	37.6603, 63.3703, -13.5390

Details

The XYZ color **27.2749, 14.1830, 25.3448** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **21.4392, 39.5011, 15.0918**, and the grayscale version is **9.8302, 10.3422, 11.2626**.

A 20% lighter version of the original color is **54.6622, 33.4260, 53.4400**, and **11.7531, 5.8555, 9.7433** is the 20% darker color. If you saturate the color by 10%, you get **26.4775, 13.3280, 22.7977**, and if you desaturate by 10%, it is **28.4010, 15.6489, 28.1443**.

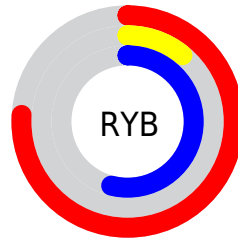
Distribution



Red (76%)

Green (11%)

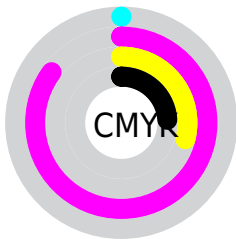
Blue (54%)



Red (76%)

Yellow (11%)

Blue (54%)

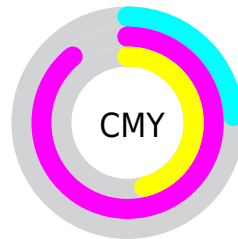


Cyan (0%)

Magenta (85%)

Yellow (29%)

Black (24%)



Cyan (24%)


Magenta (89%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2749, 14.1830, 25.3448 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 27.2749, 14.1830, 25.3448 by changing the saturation by 10% instead.


 27.2749, 14.1830,
25.3448


 27.2749, 14.1830,
25.3448


281.1290,
218.3663, 293.0532

 17.9174, 8.2481,
16.1128


 54.7415, 33.4134,
53.1871

 10.9901, 4.2541,
9.4488


 73.5813, 47.4776,
72.6344


 6.1274, 1.8167,
4.9342


 96.3126, 65.0204,
96.3239

 2.9641, 0.4975,
2.1507

 123.3007, 86.4261,
124.6742

 1.1348, 0.0000,
0.6457

 154.9111,
112.0792, 158.1037

 0.0539, 0.0000,
0.0000

 191.5090,

 0.0000, 0.0000,

142.3640, 197.0310

0.0000

233.4599,
177.6649, 241.8746

■ 27.2749, 14.1830,
25.3448

■ 27.2749, 14.1830,
25.3448

■ 26.4775, 13.3280,
22.7977

■ 28.4010, 15.6489,
28.1443

■ 26.1545, 13.0319,
21.6116

■ 29.9038, 17.8211,
31.2143

■ 31.8242, 20.7807,
34.5709

■ 34.1973, 24.5971,
38.2282

■ 37.0543, 29.3321,
42.1989

■ 40.4237, 35.0417,
46.4947

■ 44.3314, 41.7773,
51.1263

■ 48.8019, 49.5869,
56.1041

■ 53.8578, 58.5153,
61.4377

Harmonies

Analogous

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



22.9123, 14.1830, 50.7244



27.2749, 14.1830, 25.3448



27.3032, 14.1830, 8.6561

Triad

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



27.2749, 14.1830, 25.3448



10.8364, 14.1830, 0.5282



7.0428, 14.1830, 50.4196

Complementary

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



27.2749, 14.1830, 25.3448



21.4392, 39.5011, 15.0918

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.



5.3477, 14.1830, 25.0830



27.2749, 14.1830, 25.3448



7.0742, 14.1830, 2.0911

Square

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



27.2749, 14.1830, 25.3448



16.5988, 14.1830, 0.5362



5.3572, 14.1830, 8.5284



10.7795, 14.1830, 70.8931

Rectangle

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



27.2749, 14.1830, 25.3448



24.7944, 14.1830, 3.4763



5.3572, 14.1830, 8.5284



6.2695, 14.1830, 41.6247

Sweetspot

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



27.2753, 14.1838, 25.3450



72.3457, 61.9637, 83.1363



13.8343, 6.6597, 51.5953



15.3568, 12.7427, 17.5950



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.



27.2753, 14.1838, 25.3450



47.2612, 23.5608, 38.5012



23.4143, 12.6393, 5.0129



10.3473, 10.1875, 11.9194



17.2354, 8.5839, 14.4174



0.7758, 0.3833, 0.7870

Inverse Universe

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



27.2753, 14.1838, 25.3450



47.2612, 23.5608, 38.5012



26.7280, 41.6167, 42.9426



10.3473, 10.1875, 11.9194



17.2354, 8.5839, 14.4174



0.7758, 0.3833, 0.7870

Previews

White Background



This preview shows how the XYZ color 27.2749, 14.1830, 25.3448 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 27.2749, 14.1830, 25.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

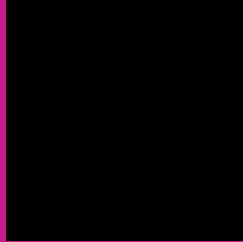
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.2749, 14.1830, 25.3448

Background



This preview shows how black text looks on a background with the XYZ color 27.2749, 14.1830, 25.3448.



This preview shows how white text looks on a background with the XYZ color 27.2749, 14.1830,

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

27.2749, 14.1830, 25.3448

Protanopia

16.5343, 14.7860, 51.2728

Deuteranopia

14.7385, 14.4889, 22.7887



Tritanopia

23.1725, 14.1671, 6.0706

Trichromacy



Original Color

27.2749, 14.1830, 25.3448

Protanomaly

16.7824, 11.7311, 40.4095

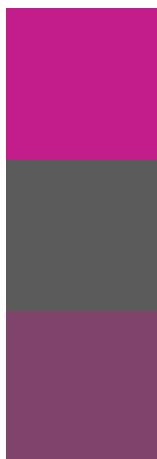
Deuteranomaly

17.1353, 12.2921, 23.2993

Tritanomaly

24.1376, 13.7992, 11.0642

Monochromacy



Original Color

27.2749, 14.1830, 25.3448

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

13.6760, 9.8061, 15.3593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2749, 14.1830, 25.3448 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(194, 29, 138)` looks like.

```
.text, #text, p{  
    color:rgb(194, 29, 138)  
}
```

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(194, 29, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 29, 138) }
```

Border

The CSS property to change the border of an element to XYZ 27.2749, 14.1830, 25.3448 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(194, 29, 138) }
```


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

```
.border{ border-color:rgb(194, 29, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 29, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 29, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 29, 138);  
box-shadow:4px 4px 4px 4px rgb(194, 29,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2749, 14.1830, 25.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 29, 138) }
```

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

```
.background{ background-color: rgb(194, 29,  
138) }
```

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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