

Converting Colors

XYZ(29.3330, 14.9435, 9.4260)

Have a look what the booklet for
XYZ(29.3330, 14.9435, 9.4260)
contains.

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Color

**XYZ(29.2929, 14.9207,
9.5197)**

Conversions

Conversions Part 1

Format	Color
Hex	D60053
RGB	214, 0, 83
RGB Percent	84%, 0%, 33%
CMY	0.1608, 0.9998, 0.6745
CMYK	0.00, 1.00, 0.61, 0.16
HSL	337°, 100%, 42%
HSV	337°, 100%, 84%
XYZ	29.2929, 14.9207, 9.5197
YIQ	73.4480, 100.9010, 71.1810

Conversions

Conversions Part 2

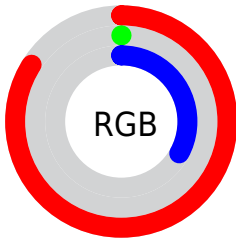
Format	Color
R_{YB}	214, 0, 83
Decimal	14024787
CIE Lab	45.53, 72.54, 17.31
CIE LCh	46, 74.578, 13.422
Yxy	14.9207, 0.5452, 0.2777
Android (android.graphics.Color)	4292214867 (0xFFD60053)
YUV	73.4480, 4.7091, 123.2641
Hunter-Lab	38.6273, 67.7671, 12.4271

Details

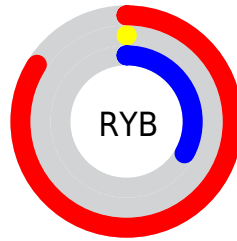
The XYZ color **29.2929, 14.9207, 9.5197** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **28.1469, 49.7331, 29.6051**, and the grayscale version is **6.3954, 6.7285, 7.3273**.

A 20% lighter version of the original color is **48.9772, 30.0707, 25.0526**, and **13.1287, 6.7258, 2.5257** is the 20% darker color. If you saturate the color by 10%, you get **29.2916, 14.9202, 9.5139**, and if you desaturate by 10%, it is **30.1239, 15.6954, 12.5330**.

Distribution



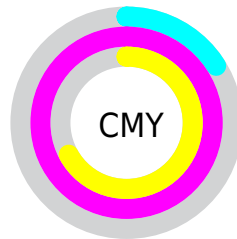
- Red (84%)
- Green (0%)
- Blue (33%)



- Red (84%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2929, 14.9207, 9.5197 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 29.2929, 14.9207, 9.5197 by changing the saturation by 10% instead.


 29.2929, 14.9207,
9.5197

 29.2929, 14.9207,
9.5197


290.5638,
222.8857, 197.5675

 19.4479, 8.7637,
4.9803


 57.9365, 34.7140,
25.4816


 12.1003, 4.5874,
2.1772


 77.4657, 49.1191,
37.7412


 6.8847, 2.0073,
0.6611


 100.9538, 67.0425,
53.4113

 3.4358, 0.6117,
0.0000

 128.7661, 88.8684,
72.9103

 1.3882, 0.0000,
0.0000

 161.2678,
114.9813, 96.6570

 0.2478, 0.0000,
0.0000

 198.8245,

 0.0000, 0.0000,

145.7655, 125.0697

0.0000

241.8013,
181.6056, 158.5670

■ 29.2929, 14.9207,
9.5197

■ 29.2929, 14.9207,
9.5197

■ 29.2916, 14.9202,
9.5139

■ 30.1239, 15.6954,
12.5330

■ 31.3611, 17.1213,
16.1780

■ 33.1108, 19.4036,
20.5129

■ 35.4333, 22.6563,
25.5794

■ 38.3801, 26.9756,
31.4148

■ 41.9966, 32.4462,
38.0535

■ 46.3237, 39.1440,
45.5274

■ 51.3989, 47.1383,
53.8664

■ 57.2572, 56.4934,
63.0989

Harmonies

Analogous

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



29.0172, 14.9207, 28.1148



29.2929, 14.9207, 9.5197



24.7673, 14.9207, 2.2417

Triad

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



29.2929, 14.9207, 9.5197



7.4450, 14.9207, 1.9040



11.0346, 14.9207, 76.1864

Complementary

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



29.2929, 14.9207, 9.5197



28.1469, 49.7331, 29.6051

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.



7.1459, 14.9207, 53.0144



29.2929, 14.9207, 9.5197



5.5276, 14.9207, 8.2996

Square

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



29.2929, 14.9207, 9.5197



11.5818, 14.9207, 0.4161



5.4371, 14.9207, 25.5685



17.1442, 14.9207, 77.5629

Rectangle

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



29.2929, 14.9207, 9.5197



20.2365, 14.9207, 0.8246



5.4371, 14.9207, 25.5685



9.4739, 14.9207, 70.1964

Sweetspot

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



29.2933, 14.9216, 9.5199



68.6650, 57.8621, 67.3275



21.1032, 9.4777, 64.3351



14.0854, 11.4334, 13.3684



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.



29.2933, 14.9216, 9.5199



43.4858, 22.1583, 13.7564



28.0080, 14.8489, 1.3913



12.6206, 12.4997, 13.9422



17.7524, 9.0373, 6.0004



1.1107, 0.5611, 0.5722

Inverse Universe

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



29.2933, 14.9216, 9.5199



43.4858, 22.1583, 13.7564



31.1207, 42.8205, 70.2429



12.6206, 12.4997, 13.9422



17.7524, 9.0373, 6.0004



1.1107, 0.5611, 0.5722

Previews

White Background



This preview shows how the XYZ color 29.2929, 14.9207, 9.5197 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 29.2929, 14.9207, 9.5197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

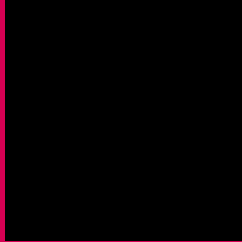
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 29.2929, 14.9207, 9.5197

Background



This preview shows how black text looks on a background with the XYZ color 29.2929, 14.9207, 9.5197.



This preview shows how white text looks on a background with the XYZ color 29.2929, 14.9207,

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

29.2929, 14.9207, 9.5197

Protanopia

15.2265, 15.5690, 20.2917

Deuteranopia

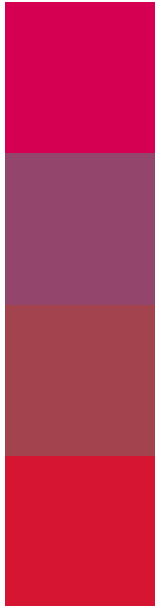
15.8033, 15.5031, 8.6380



Tritanopia

27.9426, 15.1837, 2.7543

Trichromacy



Original Color

29.2929, 14.9207, 9.5197

Protanomaly

16.8146, 11.5208, 15.2474

Deuteranomaly

18.2470, 12.2315, 8.4204

Tritanomaly

28.2845, 14.9128, 4.4053

Monochromacy



Original Color

29.2929, 14.9207, 9.5197

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

10.6287, 6.7749, 7.7687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2929, 14.9207, 9.5197 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(214, 0, 83)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 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(214, 0, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 83) }
```

Border

The CSS property to change the border of an element to XYZ 29.2929, 14.9207, 9.5197 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(214, 0, 83) }
```


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

```
.border{ border-color:rgb(214, 0, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 0, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 83);  
box-shadow:4px 4px 4px 4px rgb(214, 0, 83)  
}
```

Background

The CSS property to change the background color of an element to XYZ 29.2929, 14.9207, 9.5197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 83) }
```

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

```
.background{ background-color: rgb(214, 0,  
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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