

Converting Colors

XYZ(30.3092, 15.5161, 9.9918)

Have a look what the booklet for
XYZ(30.3092, 15.5161, 9.9918)
contains.

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Color

**XYZ(30.3092, 15.5161,
9.9918)**

Conversions

Conversions Part 1

Format	Color
Hex	D90555
RGB	217, 5, 85
RGB Percent	85%, 2%, 33%
CMY	0.1490, 0.9802, 0.6667
CMYK	0.00, 0.98, 0.61, 0.15
HSL	337°, 95%, 44%
HSV	337°, 98%, 85%
XYZ	30.3092, 15.5161, 9.9918
YIQ	77.5080, 100.6720, 69.8240

Conversions

Conversions Part 2

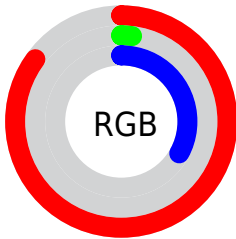
Format	Color
RYB	217, 5, 85
Decimal	14222677
CIELab	46.33, 72.92, 17.26
CIELCh	46, 74.936, 13.317
Yxy	15.5161, 0.5430, 0.2780
Android (android.graphics.Color)	4292412757 (0xFFD90555)
YUV	77.5080, 3.6936, 122.3345
Hunter-Lab	39.3905, 68.4144, 12.5338

Details

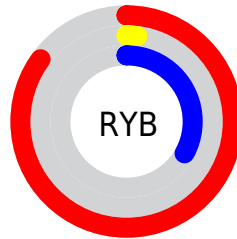
The XYZ color **30.3092, 15.5161, 9.9918** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **29.3945, 51.4654, 32.0686**, and the grayscale version is **7.1337, 7.5052, 8.1732**.

A 20% lighter version of the original color is **49.2842, 30.4634, 25.8367**, and **13.7267, 7.0301, 2.7313** is the 20% darker color. If you saturate the color by 10%, you get **30.1327, 15.3586, 9.3306**, and if you desaturate by 10%, it is **31.2302, 16.4155, 13.2056**.

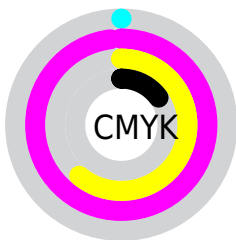
Distribution



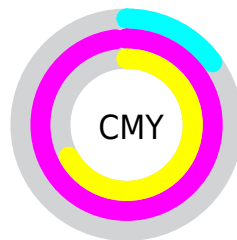
- Red (85%)
- Green (2%)
- Blue (33%)



- Red (85%)
- Yellow (2%)
- Blue (33%)



- Cyan (0%)
- Magenta (98%)
- Yellow (61%)
- Black (15%)





- Cyan (15%)
- Magenta (98%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3092, 15.5161, 9.9918 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 30.3092, 15.5161, 9.9918 by changing the saturation by 10% instead.

 30.3092, 15.5161,
9.9918


 30.3092, 15.5161,
9.9918


295.2271,
226.4691, 201.0962


 20.2226, 9.1824,
5.2880


 59.5341, 35.7561,
26.3877


 12.6662, 4.8603,
2.3555


 79.4031, 50.4311,
38.9168


 7.2745, 2.1656,
0.7621


 103.2637, 68.6554,
54.8914

 3.6822, 0.7011,
0.0000

 131.4812, 90.8133,
74.7301

 1.5240, 0.0000,
0.0000

 164.4209,
117.2892, 98.8514

 0.3421, 0.0000,
0.0000

 202.4482,

 0.0000, 0.0000,

148.4676, 127.6738

0.0000

245.9285,
184.7328, 161.6159

■ 30.3092, 15.5161,
9.9918

■ 30.3092, 15.5161,
9.9918

■ 30.1327, 15.3586,
9.3306

■ 31.2302, 16.4155,
13.2056

■ 32.6166, 18.0727,
17.1069

■ 34.5509, 20.6449,
21.7482

■ 37.0933, 24.2451,
27.1727

■ 40.2958, 28.9699,
33.4196

■ 44.2042, 34.9047,
40.5250

■ 48.8604, 42.1263,
48.5225

■ 54.3027, 50.7055,
57.4438

■ 60.5666, 60.7074,
67.3189

Harmonies

Analogous

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



30.0069, 15.5161, 29.2060



30.3092, 15.5161, 9.9918



25.6706, 15.5161, 2.3982

Triad

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



30.3092, 15.5161, 9.9918



7.7987, 15.5161, 2.0205



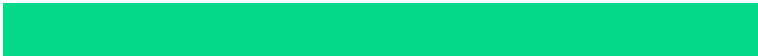
11.4812, 15.5161, 78.3906

Complementary

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



30.3092, 15.5161, 9.9918



29.3945, 51.4654, 32.0686

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.



7.4683, 15.5161, 54.5846



30.3092, 15.5161, 9.9918



5.8041, 15.5161, 8.6444

Square

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



30.3092, 15.5161, 9.9918



12.0840, 15.5161, 0.4869



5.7040, 15.5161, 26.4116



17.7763, 15.5161, 79.8950

Rectangle

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



30.3092, 15.5161, 9.9918



21.0118, 15.5161, 0.9039



5.7040, 15.5161, 26.4116



9.8714, 15.5161, 72.2279

Sweetspot

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



30.3096, 15.5171, 9.9920



69.2760, 58.9288, 68.0096



22.6920, 10.3327, 66.4436



14.1969, 11.6324, 13.4798



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.



30.3096, 15.5171, 9.9920



43.3602, 22.1081, 13.0948



29.1013, 15.6798, 1.6376



13.2582, 13.1324, 14.6210



18.2883, 9.3163, 5.8980



1.2259, 0.6200, 0.5984

Inverse Universe

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



30.3096, 15.5171, 9.9920



43.3602, 22.1081, 13.0948



31.4968, 42.8609, 72.2582



13.2582, 13.1324, 14.6210



18.2883, 9.3163, 5.8980



1.2259, 0.6200, 0.5984

Previews

White Background



This preview shows how the XYZ color 30.3092, 15.5161, 9.9918 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 30.3092, 15.5161, 9.9918 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 30.3092, 15.5161, 9.9918

Background



This preview shows how black text looks on a background with the XYZ color 30.3092, 15.5161, 9.9918.



This preview shows how white text looks on a background with the XYZ color 30.3092, 15.5161,

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

30.3092, 15.5161, 9.9918

Protanopia

15.7529, 16.1391, 21.3537

Deuteranopia

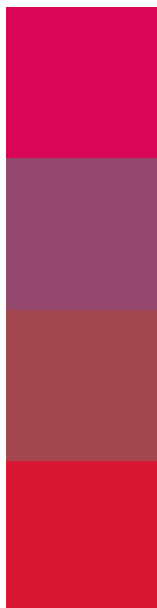
16.2351, 16.0237, 9.0747



Tritanopia

28.8571, 15.6954, 2.8751

Trichromacy



Original Color

30.3092, 15.5161, 9.9918

Protanomaly

17.5263, 12.1501, 16.1733

Deuteranomaly

18.9113, 12.8373, 8.8783

Tritanomaly

29.2228, 15.4507, 4.5740

Monochromacy



Original Color

30.3092, 15.5161, 9.9918

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

11.7223, 7.6289, 8.6393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3092, 15.5161, 9.9918 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(217, 5, 85)` looks like.

```
.text, #text, p{  
    color:rgb(217, 5, 85)  
}
```

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(217, 5, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 5, 85) }
```

Border

The CSS property to change the border of an element to XYZ 30.3092, 15.5161, 9.9918 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(217, 5, 85) }
```


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

```
.border{ border-color:rgb(217, 5, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 5, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 5, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 5, 85);  
box-shadow:4px 4px 4px 4px rgb(217, 5, 85)  
}
```

Background

The CSS property to change the background color of an element to XYZ 30.3092, 15.5161, 9.9918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 5, 85) }
```

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

```
.background{ background-color: rgb(217, 5,  
85) }
```

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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