

Converting Colors

XYZ(33.9148, 21.0012, 29.2232)

Have a look what the booklet for
XYZ(33.9148, 21.0012, 29.2232)
contains.

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Color

**XYZ(33.9192, 21.0462,
29.0626)**

Conversions

Conversions Part 1

Format	Color
Hex	D04F91
RGB	208, 79, 145
RGB Percent	82%, 31%, 57%
CMY	0.1843, 0.6902, 0.4314
CMYK	0.00, 0.62, 0.30, 0.18
HSL	329°, 58%, 56%
HSV	329°, 62%, 82%
XYZ	33.9192, 21.0462, 29.0626
YIQ	125.0950, 55.6980, 47.8740

Conversions

Conversions Part 2

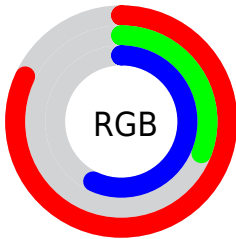
Format	Color
R _Y B	208, 79, 145
Decimal	13651857
CIE Lab	53.00, 57.24, -9.81
CIE LCh	53, 58.075, 350.279
Yxy	21.0462, 0.4037, 0.2505
Android (android.graphics.Color)	4291841937 (0xFFD04F91)
YUV	125.0950, 9.8132, 72.7077
Hunter-Lab	45.8761, 51.6934, -5.4470

Details

The XYZ color **33.9192, 21.0462, 29.0626** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **30.6640, 48.7276, 33.3832**, and the grayscale version is **19.4808, 20.4953, 22.3194**.

A 20% lighter version of the original color is **60.2128, 42.7115, 59.1034**, and **14.7747, 7.5732, 11.5095** is the 20% darker color. If you saturate the color by 10%, you get **31.8980, 18.2018, 24.6954**, and if you desaturate by 10%, it is **36.4809, 24.8593, 33.9560**.

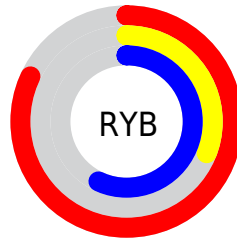
Distribution



Red (82%)

Green (31%)

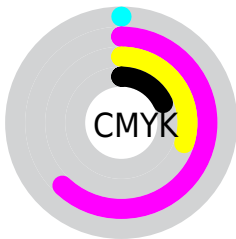
Blue (57%)



Red (82%)

Yellow (31%)

Blue (57%)

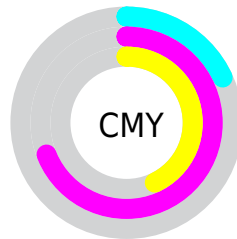


Cyan (0%)

Magenta (62%)

Yellow (30%)

Black (18%)



Cyan (18%)


Magenta (69%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.9192, 21.0462, 29.0626 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 33.9192, 21.0462, 29.0626 by changing the saturation by 10% instead.

 33.9192, 21.0462,
29.0626


 33.9192, 21.0462,
29.0626


311.3639,
257.5239, 311.5804


 22.9941, 13.1578,
18.8822


 65.1531, 45.1644,
59.2199


 14.7098, 7.5373,
11.4092


 86.1927, 62.1630,
80.0339


 8.7010, 3.8003,
6.2252


 111.3345, 82.9671,
105.2295

 4.6022, 1.5625,
2.9115

 140.9438,
107.9611, 135.2252

 2.0481, 0.3321,
1.0496

 175.3860,
137.5293, 170.4396

 0.6608, 0.0000,
0.0000

215.0266,

 0.0000, 0.0000,

172.0563, 211.2913

0.0000

260.2307,
211.9264, 258.1987

■ 33.9192, 21.0462,
29.0626

■ 33.9192, 21.0462,
29.0626

■ 31.8980, 18.2018,
24.6954

■ 36.4809, 24.8593,
33.9560

■ 30.3682, 16.2311,
20.8284

■ 39.6227, 29.7176,
39.3969

■ 29.2741, 15.0256,
17.4339

■ 43.3823, 35.6939,
45.4063

■ 28.6355, 14.4591,
15.0303

■ 47.7935, 42.8534,
52.0038

■ 52.8878, 51.2561,
59.2075

■ 58.6944, 60.9581,
67.0348

■ 65.2407, 72.0119,
75.5022

■ 72.5528, 84.4674,
84.6256

■ 76.9751, 91.0110,
93.1935

Harmonies

Analogous

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



30.4384, 21.0462, 51.7488



33.9192, 21.0462, 29.0626



33.1319, 21.0462, 13.1413

Triad

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



33.9192, 21.0462, 29.0626



16.2111, 21.0462, 3.6505



13.4108, 21.0462, 59.6339

Complementary

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



33.9192, 21.0462, 29.0626



30.6640, 48.7276, 33.3832

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.



10.9023, 21.0462, 36.6260



33.9192, 21.0462, 29.0626



12.2766, 21.0462, 7.4639

Square

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



33.9192, 21.0462, 29.0626



22.0485, 21.0462, 3.2007



10.5342, 21.0462, 17.7031



18.0896, 21.0462, 74.4621

Rectangle

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



33.9192, 21.0462, 29.0626



30.3416, 21.0462, 7.3462



10.5342, 21.0462, 17.7031



12.3295, 21.0462, 52.1802

Sweetspot

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



33.9198, 21.0473, 29.0630



77.9154, 71.4565, 85.5371



25.2265, 15.8409, 61.4025



16.2018, 14.5149, 17.6230



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.



33.9198, 21.0473, 29.0630



49.8023, 27.8302, 37.3218



30.3001, 19.5994, 10.0016



12.0575, 11.9078, 13.5789



17.8963, 9.0313, 9.6258



1.0407, 0.5210, 0.7490

Inverse Universe

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



33.9198, 21.0473, 29.0630



49.8023, 27.8302, 37.3218



36.9033, 51.2233, 66.2392



12.0575, 11.9078, 13.5789



17.8963, 9.0313, 9.6258



1.0407, 0.5210, 0.7490

Previews

White Background



This preview shows how the XYZ color 33.9192, 21.0462, 29.0626 looks on a white background.

Color Contrast Check

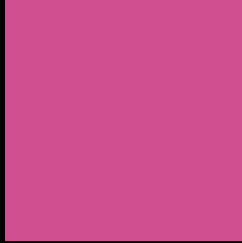
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 33.9192, 21.0462, 29.0626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

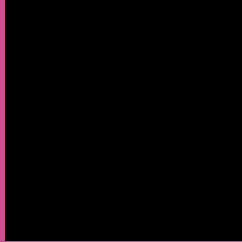
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.9192, 21.0462, 29.0626

Background



This preview shows how black text looks on a background with the XYZ color 33.9192, 21.0462, 29.0626.



This preview shows how white text looks on a background with the XYZ color 33.9192, 21.0462,

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

33.9192, 21.0462, 29.0626

Protanopia

21.9515, 21.2863, 44.5467

Deuteranopia

21.6266, 21.3186, 27.0198



Tritanopia

30.6693, 20.9942, 13.5022

Trichromacy



Original Color

33.9192, 21.0462, 29.0626

Protanomaly

24.1867, 19.6448, 38.1144

Deuteranomaly

24.8682, 20.2253, 27.7925

Tritanomaly

31.5419, 20.8496, 18.2815

Monochromacy



Original Color

33.9192, 21.0462, 29.0626

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

23.0450, 19.3596, 24.3520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9192, 21.0462, 29.0626 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, 79, 145)` looks like.

```
.text, #text, p{  
    color:rgb(208, 79, 145)  
}
```

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, 79, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 79, 145) }
```

Border

The CSS property to change the border of an element to XYZ 33.9192, 21.0462, 29.0626 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, 79, 145) }
```


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

```
.border{ border-color:rgb(208, 79, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 79, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 79, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 79, 145);  
box-shadow:4px 4px 4px 4px rgb(208, 79,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9192, 21.0462, 29.0626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 79, 145) }
```

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

```
.background{ background-color: rgb(208, 79,  
145) }
```

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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