

Converting Colors

XYZ(39.6603, 29.4041, 31.9635)

Have a look what the booklet for
XYZ(39.6603, 29.4041, 31.9635)
contains.

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Color

**XYZ(39.6348, 29.4229,
32.0240)**

Conversions

Conversions Part 1

Format	Color
Hex	D67695
RGB	214, 118, 149
RGB Percent	84%, 46%, 58%
CMY	0.1608, 0.5372, 0.4157
CMYK	0.00, 0.45, 0.30, 0.16
HSL	341°, 54%, 65%
HSV	341°, 45%, 84%
XYZ	39.6348, 29.4229, 32.0240
YIQ	150.2380, 47.2650, 29.9930

Conversions

Conversions Part 2

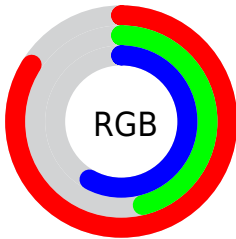
Format	Color
RYB	214, 118, 149
Decimal	14055061
CIELab	61.15, 40.99, 0.02
CIElCh	61, 40.994, 0.024
Yxy	29.4229, 0.3921, 0.2911
Android (android.graphics.Color)	4292245141 (0xFFD67695)
YUV	150.2380, -0.6103, 55.9193
Hunter-Lab	54.2429, 35.5034, 2.9663

Details

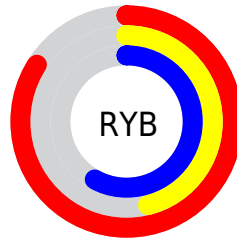
The XYZ color **39.6348, 29.4229, 32.0240** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **40.0664, 55.3643, 53.3772**, and the grayscale version is **29.0797, 30.5941, 33.3170**.

A 20% lighter version of the original color is **66.7720, 55.0768, 63.6115**, and **18.0574, 11.9464, 12.9094** is the 20% darker color. If you saturate the color by 10%, you get **36.3088, 24.5084, 25.5583**, and if you desaturate by 10%, it is **43.6781, 35.5411, 39.4395**.

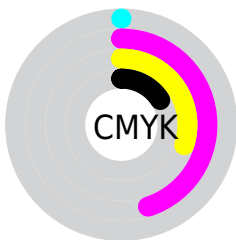
Distribution



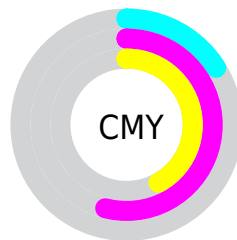
- Red (84%)
- Green (46%)
- Blue (58%)



- Red (84%)
- Yellow (46%)
- Blue (58%)



- Cyan (0%)
- Magenta (45%)
- Yellow (30%)
- Black (16%)





- Cyan (16%)
- Magenta (54%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6348, 29.4229, 32.0240 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 39.6348, 29.4229, 32.0240 by changing the saturation by 10% instead.


 39.6348, 29.4229,
32.0240


 39.6348, 29.4229,
32.0240


335.7428,
299.2051, 325.7247


 27.4369, 19.4010,
21.1149


 73.8950, 58.7483,
63.9471

 18.0399, 11.9604,
13.0159


 96.6879, 78.8206,
85.7981

 11.0785, 6.7167,
7.3087


 123.7432,
103.0118, 112.1334

 6.1873, 3.2856,
3.5745

155.4262,
131.7063, 143.3717

 3.0011, 1.2826,
1.3950

192.1024,
165.2885, 179.9314

 1.1543, 0.1277,
0.1378

234.1369,

 0.0698, 0.0000,

204.1427, 222.2311

0.0000

281.8953,
248.6535, 270.6894

■ 0.0000, 0.0000,
0.0000

■ 39.6348, 29.4229,
32.0240

■ 39.6348, 29.4229,
32.0240

■ 36.3088, 24.5084,
25.5583

■ 43.6781, 35.5411,
39.4395

■ 33.6531, 20.7128,
20.0000

■ 48.4766, 42.9317,
47.8414

■ 31.6189, 17.9473,
15.3055


■ 54.0686, 51.6632,
57.2659


■ 30.1492, 16.1072,
11.4265


■ 60.4888, 61.7979,
67.7472


■ 29.1751, 15.0651,
8.3082

■ 67.7699, 73.3944,
79.3177

 28.8088, 14.7271,
6.9703

 75.9430, 86.5077,
92.0082

 80.8149, 92.7455,
104.4411

 81.5416, 93.0362,
108.2678

Harmonies

Analogous

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



37.9148, 29.4229, 49.2305



39.6348, 29.4229, 32.0240



37.9095, 29.4229, 19.3842

Triad

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



39.6348, 29.4229, 32.0240



23.1034, 29.4229, 12.6262



23.1101, 29.4229, 65.1519

Complementary

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



39.6348, 29.4229, 32.0240



40.0664, 55.3643, 53.3772

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.



19.9330, 29.4229, 49.2595



39.6348, 29.4229, 32.0240



19.9295, 29.4229, 19.3997

Square

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



39.6348, 29.4229, 32.0240



27.9612, 29.4229, 10.6080



18.8461, 29.4229, 32.0491



27.9700, 29.4229, 71.7206

Rectangle

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



39.6348, 29.4229, 32.0240



35.1500, 29.4229, 14.2775



18.8461, 29.4229, 32.0491



21.8336, 29.4229, 60.5159

Sweetspot

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



39.6356, 29.4243, 32.0246



81.9657, 79.2806, 87.7395



37.9086, 27.7586, 66.9784



17.1146, 16.2946, 18.0694



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.



39.6356, 29.4243, 32.0246



54.1367, 36.6528, 38.2926



39.5277, 32.6558, 21.3612



12.5869, 12.4863, 13.7648



17.4555, 8.9185, 4.4366



1.0902, 0.5529, 0.4646

Inverse Universe

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



39.6356, 29.4243, 32.0246



54.1367, 36.6528, 38.2926



39.8040, 49.0957, 70.9970



12.5869, 12.4863, 13.7648



17.4555, 8.9185, 4.4366



1.0902, 0.5529, 0.4646

Previews

White Background



This preview shows how the XYZ color 39.6348, 29.4229, 32.0240 looks on a white background.

Color Contrast Check

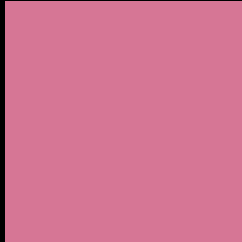
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.6348, 29.4229, 32.0240 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 39.6348, 29.4229, 32.0240

Background



This preview shows how black text looks on a background with the XYZ color 39.6348, 29.4229, 32.0240.



This preview shows how white text looks on a background with the XYZ color 39.6348, 29.4229,

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

39.6348, 29.4229, 32.0240

Protanopia

28.9937, 29.6404, 40.2694

Deuteranopia

30.2431, 29.5818, 30.9039



Tritanopia

38.0180, 29.2835, 24.7676

Trichromacy



Original Color

39.6348, 29.4229, 32.0240

Protanomaly

31.7269, 28.6924, 37.1237

Deuteranomaly

33.0048, 29.0706, 31.0658

Tritanomaly

38.6724, 29.3852, 27.3006

Monochromacy



Original Color

39.6348, 29.4229, 32.0240

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.8271, 29.2632, 32.8251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6348, 29.4229, 32.0240 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, 118, 149)` looks like.

```
.text, #text, p{  
    color:rgb(214, 118, 149)  
}
```

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, 118, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 118, 149) }
```

Border

The CSS property to change the border of an element to XYZ 39.6348, 29.4229, 32.0240 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, 118, 149) }
```


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

```
.border{ border-color:rgb(214, 118, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 118, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 118, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 118, 149);  
box-shadow:4px 4px 4px 4px rgb(214, 118,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6348, 29.4229, 32.0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 118, 149) }
```

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

```
.background{ background-color: rgb(214,  
118, 149) }
```

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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