

Converting Colors

XYZ(39.6290, 29.2202, 31.3149)

Have a look what the booklet for
XYZ(39.6290, 29.2202, 31.3149)
contains.

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Color

**XYZ(39.6521, 29.2762,
31.1647)**

Conversions

Conversions Part 1

Format	Color
Hex	D77593
RGB	215, 117, 147
RGB Percent	84%, 46%, 58%
CMY	0.1569, 0.5412, 0.4235
CMYK	0.00, 0.46, 0.32, 0.16
HSL	342°, 55%, 65%
HSV	342°, 46%, 84%
XYZ	39.6521, 29.2762, 31.1647
YIQ	149.7220, 48.7780, 30.1060

Conversions

Conversions Part 2

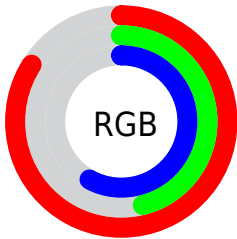
Format	Color
RYB	215, 117, 147
Decimal	14120339
CIELab	61.02, 41.60, 1.00
CIELCh	61, 41.614, 1.372
Yxy	29.2762, 0.3962, 0.2925
Android (android.graphics.Color)	4292310419 (0xFFD77593)
YUV	149.7220, -1.3419, 57.2488
Hunter-Lab	54.1075, 36.1237, 3.7255

Details

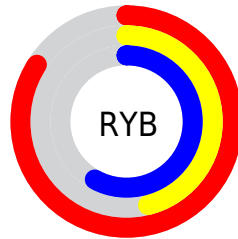
The XYZ color **39.6521, 29.2762, 31.1647** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **40.3949, 55.8864, 54.5600**, and the grayscale version is **28.8635, 30.3666, 33.0692**.

A 20% lighter version of the original color is **66.3455, 54.6029, 62.3010**, and **18.1485, 11.9128, 12.6521** is the 20% darker color. If you saturate the color by 10%, you get **36.3328, 24.3911, 24.6521**, and if you desaturate by 10%, it is **43.7001, 35.3753, 38.6699**.

Distribution



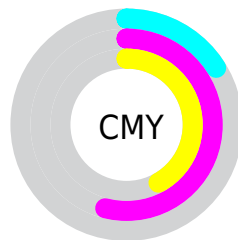
- Red (84%)
- Green (46%)
- Blue (58%)



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



- Cyan (0%)
- Magenta (46%)
- Yellow (32%)
- Black (16%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6521, 29.2762, 31.1647 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 39.6521, 29.2762, 31.1647 by changing the saturation by 10% instead.


 39.6521, 29.2762,
31.1647


 39.6521, 29.2762,
31.1647


335.8147,
298.5159, 321.6710


 27.4504, 19.2899,
20.4648


 73.9212, 58.5156,
62.5819

 18.0501, 11.8799,
12.5459


 96.7192, 78.5375,
84.1363

 11.0859, 6.6620,
6.9896


 123.7801,
102.6734, 110.1458

 6.1923, 3.2516,
3.3772

155.4692,
131.3076, 141.0292

 3.0042, 1.2645,
1.2903

192.1519,
164.8245, 177.2048

 1.1560, 0.1134,
0.0538

234.1934,

 0.0712, 0.0000,

203.6086, 219.0913

0.0000

281.9592,
248.0443, 267.1072

■ 0.0000, 0.0000,
0.0000

■ 39.6521, 29.2762,
31.1647

■ 39.6521, 29.2762,
31.1647

■ 36.3328, 24.3911,
24.6521

■ 43.7001, 35.3753,
38.6699

■ 33.6940, 20.6336,
19.0865

■ 48.5160, 42.7587,
47.2070

■ 31.6855, 17.9126,
14.4212


■ 54.1390, 51.4960,
56.8151


■ 30.2481, 16.1208,
10.6038


■ 60.6048, 61.6510,
67.5304

■ 29.3106, 15.1267,
7.5753

■ 67.9470, 73.2831,
79.3878

 29.0022, 14.8382,
6.4603

 76.1974, 86.4484,
92.4203

 81.2656, 92.9596,
105.2863

 81.8344, 93.1871,
108.2815

Harmonies

Analogous

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



38.0579, 29.2762, 48.4979



39.6521, 29.2762, 31.1647



37.7501, 29.2762, 18.6830

Triad

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



39.6521, 29.2762, 31.1647



22.7267, 29.2762, 12.5261



23.1079, 29.2762, 66.0778

Complementary

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



39.6521, 29.2762, 31.1647



40.3949, 55.8864, 54.5600

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.



19.8144, 29.2762, 50.1604



39.6521, 29.2762, 31.1647



19.6153, 29.2762, 19.5669

Square

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



39.6521, 29.2762, 31.1647



27.5764, 29.2762, 10.3238



18.6217, 29.2762, 32.5997



28.0774, 29.2762, 72.1995

Rectangle

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



39.6521, 29.2762, 31.1647



34.8825, 29.2762, 13.7297



18.6217, 29.2762, 32.5997



21.7920, 29.2762, 61.4855

Sweetspot

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



39.6529, 29.2776, 31.1653



80.9647, 77.8057, 85.7811



38.3874, 27.8167, 67.6361



16.9134, 16.0027, 17.6611



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.



39.6529, 29.2776, 31.1653



53.4862, 35.9221, 36.3176



39.8956, 33.0516, 21.1083



12.5782, 12.4828, 13.7190



17.3884, 8.8917, 4.0836



1.0854, 0.5509, 0.4391

Inverse Universe

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



39.6529, 29.2776, 31.1653



53.4862, 35.9221, 36.3176



39.5768, 48.6369, 71.5922



12.5782, 12.4828, 13.7190



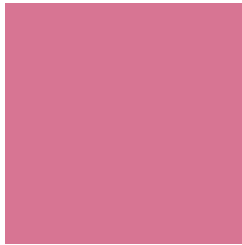
17.3884, 8.8917, 4.0836



1.0854, 0.5509, 0.4391

Previews

White Background



This preview shows how the XYZ color 39.6521, 29.2762, 31.1647 looks on a white background.

Color Contrast Check

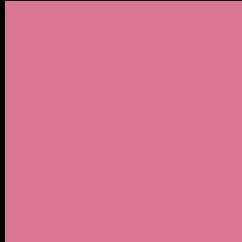
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.6521, 29.2762, 31.1647 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 39.6521, 29.2762, 31.1647

Background



This preview shows how black text looks on a background with the XYZ color 39.6521, 29.2762, 31.1647.



This preview shows how white text looks on a background with the XYZ color 39.6521, 29.2762,

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

39.6521, 29.2762, 31.1647

Protanopia

28.9023, 29.6038, 39.7881

Deuteranopia

30.0902, 29.5206, 30.0987



Tritanopia

38.1195, 29.1641, 24.3890

Trichromacy



Original Color

39.6521, 29.2762, 31.1647

Protanomaly

31.5533, 28.6230, 36.2095

Deuteranomaly

33.0876, 29.1311, 30.2645

Tritanomaly

38.7723, 29.2674, 26.8982

Monochromacy



Original Color

39.6521, 29.2762, 31.1647

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.9689, 29.3456, 32.4131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6521, 29.2762, 31.1647 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(215, 117, 147)` looks like.

```
.text, #text, p{  
    color:rgb(215, 117, 147)  
}
```

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(215, 117, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 117, 147) }
```

Border

The CSS property to change the border of an element to XYZ 39.6521, 29.2762, 31.1647 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(215, 117, 147) }
```


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

```
.border{ border-color:rgb(215, 117, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 117, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 117, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 117, 147);  
box-shadow:4px 4px 4px 4px rgb(215, 117,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6521, 29.2762, 31.1647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 117, 147) }
```

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

```
.background{ background-color: rgb(215,  
117, 147) }
```

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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