

Converting Colors

XYZ(41.1292, 31.6588, 31.9731)

Have a look what the booklet for
XYZ(41.1292, 31.6588, 31.9731)
contains.

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Color

**XYZ(41.1251, 31.6588,
31.9602)**

Conversions

Conversions Part 1

Format	Color
Hex	D87E94
RGB	216, 126, 148
RGB Percent	85%, 49%, 58%
CMY	0.1529, 0.5059, 0.4196
CMYK	0.00, 0.42, 0.31, 0.15
HSL	345°, 54%, 67%
HSV	345°, 42%, 85%
XYZ	41.1251, 31.6588, 31.9602
YIQ	155.4180, 46.5780, 25.9220

Conversions

Conversions Part 2

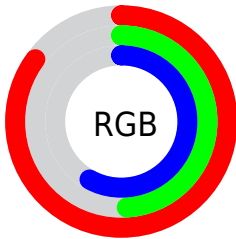
Format	Color
R _Y B	216, 126, 148
Decimal	14188180
CIE Lab	63.06, 37.40, 3.39
CIE LCh	63, 37.553, 5.184
Yxy	31.6588, 0.3926, 0.3022
Android (android.graphics.Color)	4292378260 (0xFFD87E94)
YUV	155.4180, -3.6571, 53.1304
Hunter-Lab	56.2662, 32.0004, 5.7085

Details

The XYZ color **41.1251, 31.6588, 31.9602** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **42.8992, 57.4432, 59.8687**, and the grayscale version is **31.3431, 32.9753, 35.9102**.

A 20% lighter version of the original color is **68.2219, 58.1668, 63.5087**, and **18.9718, 13.2661, 12.8700** is the 20% darker color. If you saturate the color by 10%, you get **37.4532, 26.2387, 24.8057**, and if you desaturate by 10%, it is **45.5771, 38.3474, 40.2741**.

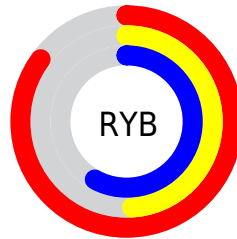
Distribution



Red (85%)

Green (49%)

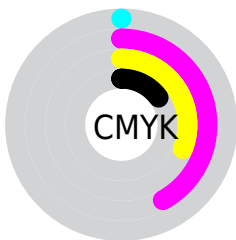
Blue (58%)



Red (85%)

Yellow (49%)

Blue (58%)

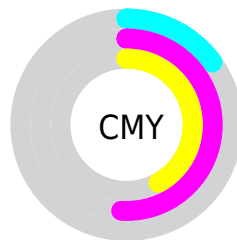


Cyan (0%)

Magenta (42%)

Yellow (31%)

Black (15%)



Cyan (15%)


Magenta (51%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1251, 31.6588, 31.9602 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 41.1251, 31.6588, 31.9602 by changing the saturation by 10% instead.


 41.1251, 31.6588,
31.9602


 41.1251, 31.6588,
31.9602


341.8969,
309.5620, 325.4250


 28.6050, 21.1010,
21.0665


 76.1473, 62.2758,
63.8459

 18.9250, 13.1979,
12.9809


 99.3800, 83.1038,
85.6750

 11.7197, 7.5649,
7.2848


 126.9143,
108.1241, 111.9863

 6.6240, 3.8178,
3.5597

159.1155,
137.7209, 143.1983

 3.2723, 1.5722,
1.3871

196.3491,
172.2787, 179.7297

 1.2993, 0.3387,
0.1316

238.9802,

 0.1827, 0.0000,

212.1819, 221.9989

0.0000

287.3744,
257.8149, 270.4245

■ 0.0000, 0.0000,
0.0000

■ 41.1251, 31.6588,
31.9602

■ 41.1251, 31.6588,
31.9602

■ 37.4532, 26.2387,
24.8057

■ 45.5771, 38.3474,
40.2741

■ 34.5126, 22.0019,
18.7560

■ 50.8492, 46.3732,
49.7950

■ 32.2527, 18.8601,
13.7544


■ 56.9814, 55.8056,
60.5698


■ 30.6150, 16.7103,
9.7383


■ 64.0105, 66.7078,
72.6425

■ 29.5305, 15.4298,
6.6376

■ 71.9711, 79.1391,
86.0548

 28.9568, 14.8541,
4.6840

 80.7022, 92.7683,
100.7821

 82.1290, 93.3390,
108.2953

Harmonies

Analogous

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



40.0534, 31.6588, 47.8643



41.1251, 31.6588, 31.9602



38.9755, 31.6588, 20.5228

Triad

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



41.1251, 31.6588, 31.9602



24.7149, 31.6588, 16.0354



26.1057, 31.6588, 67.3360

Complementary

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



41.1251, 31.6588, 31.9602



42.8992, 57.4432, 59.8687

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.



22.6705, 31.6588, 53.6313



41.1251, 31.6588, 31.9602



21.9344, 31.6588, 23.8430

Square

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



41.1251, 31.6588, 31.9602



29.2008, 31.6588, 13.1703



21.2310, 31.6588, 37.1101



30.9986, 31.6588, 71.3417

Rectangle

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



41.1251, 31.6588, 31.9602



36.1352, 31.6588, 15.9724



21.2310, 31.6588, 37.1101



24.7609, 31.6588, 63.5507

Sweetspot

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



41.1260, 31.6604, 31.9608



82.5516, 80.6059, 87.4612



41.9768, 31.2846, 68.7921



17.4033, 16.8422, 18.2570



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.



41.1260, 31.6604, 31.9608



55.1228, 39.0597, 37.2810



42.7545, 37.4439, 24.7147



12.5465, 12.4701, 13.5520



17.1755, 8.8065, 2.9623



1.0691, 0.5444, 0.3532

Inverse Universe

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



41.1260, 31.6604, 31.9608



55.1228, 39.0597, 37.2810



40.1808, 47.7561, 72.0660



12.5465, 12.4701, 13.5520



17.1755, 8.8065, 2.9623



1.0691, 0.5444, 0.3532

Previews

White Background



This preview shows how the XYZ color 41.1251, 31.6588, 31.9602 looks on a white background.

Color Contrast Check

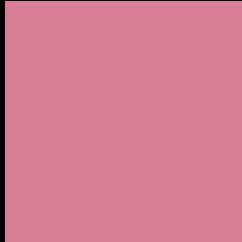
Large Text (above 18pt) WCAG AA × Fail

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 41.1251, 31.6588, 31.9602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

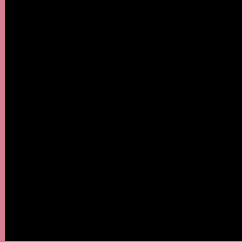
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1251, 31.6588, 31.9602

Background



This preview shows how black text looks on a background with the XYZ color 41.1251, 31.6588, 31.9602.



This preview shows how white text looks on a background with the XYZ color 41.1251, 31.6588,

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

41.1251, 31.6588, 31.9602

Protanopia

30.9760, 31.8731, 39.1698

Deuteranopia

32.4185, 31.8514, 30.8248



Tritanopia

40.2589, 31.6916, 27.6621

Trichromacy



Original Color

41.1251, 31.6588, 31.9602

Protanomaly

33.8985, 31.3436, 36.6110

Deuteranomaly

34.9824, 31.3653, 30.9984

Tritanomaly

40.4214, 31.5489, 29.1584

Monochromacy



Original Color

41.1251, 31.6588, 31.9602

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

33.7722, 31.5606, 34.0176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1251, 31.6588, 31.9602 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(216, 126, 148)` looks like.

```
.text, #text, p{  
    color:rgb(216, 126, 148)  
}
```

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(216, 126, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 126, 148) }
```

Border

The CSS property to change the border of an element to XYZ 41.1251, 31.6588, 31.9602 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(216, 126, 148) }
```


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

```
.border{ border-color:rgb(216, 126, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 126, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 126, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 126, 148);  
box-shadow:4px 4px 4px 4px rgb(216, 126,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1251, 31.6588, 31.9602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 126, 148) }
```

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

```
.background{ background-color: rgb(216,  
126, 148) }
```

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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