

Converting Colors

XYZ(41.0692, 27.8287, 32.8662)

Have a look what the booklet for
XYZ(41.0692, 27.8287, 32.8662)
contains.

XYZ(41.0492, 27.8556, 32.9189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.0492, 27.8556,
32.9189)**

Conversions

Conversions Part 1

Format	Color
Hex	DF6898
RGB	223, 104, 152
RGB Percent	87%, 41%, 60%
CMY	0.1255, 0.5921, 0.4039
CMYK	0.00, 0.53, 0.32, 0.13
HSL	336°, 65%, 64%
HSV	336°, 53%, 87%
XYZ	41.0492, 27.8556, 32.9189
YIQ	145.0530, 55.5160, 40.1560

Conversions

Conversions Part 2

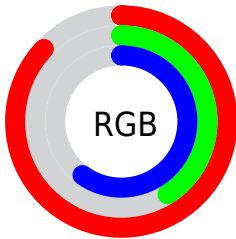
Format	Color
R _Y B	223, 104, 152
Decimal	14641304
CIE Lab	59.76, 51.40, -3.62
CIE LCh	60, 51.526, 355.976
Yxy	27.8556, 0.4031, 0.2736
Android (android.graphics.Color)	4292831384 (0xFFDF6898)
YUV	145.0530, 3.4249, 68.3595
Hunter-Lab	52.7784, 46.4689, -0.0354

Details

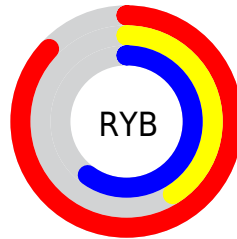
The XYZ color **41.0492, 27.8556, 32.9189** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.8359, 58.8142, 49.8134**, and the grayscale version is **26.9068, 28.3081, 30.8275**.

A 20% lighter version of the original color is **64.7787, 50.5125, 64.7282**, and **18.9643, 11.1355, 13.4618** is the 20% darker color. If you saturate the color by 10%, you get **38.0646, 23.5336, 26.8456**, and if you desaturate by 10%, it is **44.7510, 33.4161, 39.8350**.

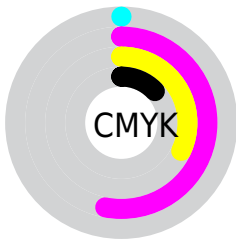
Distribution



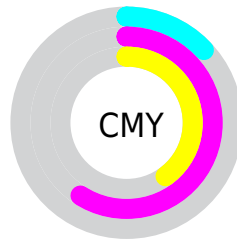
- Red (87%)
- Green (41%)
- Blue (60%)



- Red (87%)
- Yellow (41%)
- Blue (60%)



- Cyan (0%)
- Magenta (53%)
- Yellow (32%)
- Black (13%)





- Cyan (13%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0492, 27.8556, 32.9189 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 41.0492, 27.8556, 32.9189 by changing the saturation by 10% instead.

 41.0492, 27.8556,
32.9189


 41.0492, 27.8556,
32.9189


341.5853,
291.7763, 329.9049

 28.5454, 18.2168,
21.7937


 76.0328, 56.2538,
65.3634

 18.8797, 11.1058,
13.5085

 99.2433, 75.7821,
87.5199

 11.6869, 6.1380,
7.6448


 126.7534, 99.3756,
114.1905

 6.6015, 2.9292,
3.7840

 158.9284,
127.4188, 145.7938

 3.2583, 1.0949,
1.5076

196.1338,
160.2961, 182.7484

 1.2918, 0.0000,
0.2236

238.7348,

 0.1770, 0.0000,

198.3918, 225.4727

0.0000

287.0969,
242.0904, 274.3854

■ 0.0000, 0.0000,
0.0000

■ 41.0492, 27.8556,
32.9189

■ 41.0492, 27.8556,
32.9189

■ 38.0646, 23.5336,
26.8456

■ 44.7510, 33.4161,
39.8350

■ 35.7430, 20.3485,
21.5765

■ 49.2143, 40.2977,
47.6267

■ 34.0256, 18.1895,
17.0712

■ 54.4821, 48.5808,
56.3269

■ 32.8411, 16.9208,
13.2839

■ 60.5936, 58.3380,
65.9658

■ 32.2745, 16.4252,
11.1295

■ 67.5854, 69.6371,
76.5724

■ 75.4918, 82.5415,
88.1742

■ 82.6943, 93.8091,
100.2472

■ 84.2414, 94.4280,
108.3942

Harmonies

Analogous

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



38.2811, 27.8556, 55.1729



41.0492, 27.8556, 32.9189



39.4166, 27.8556, 17.1685

Triad

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



41.0492, 27.8556, 32.9189



21.3571, 27.8556, 8.1528



20.0642, 27.8556, 70.8654

Complementary

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



41.0492, 27.8556, 32.9189



39.8359, 58.8142, 49.8134

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.



16.7317, 27.8556, 48.9244



41.0492, 27.8556, 32.9189



17.3877, 27.8556, 14.3531

Square

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



41.0492, 27.8556, 32.9189



27.3651, 27.8556, 6.7663



15.8384, 27.8556, 27.8805



25.6062, 27.8556, 82.0730

Rectangle

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



41.0492, 27.8556, 32.9189



36.1758, 27.8556, 11.1492



15.8384, 27.8556, 27.8805



18.6862, 27.8556, 64.1527

Sweetspot

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



41.0500, 27.8570, 32.9194



79.7125, 75.2045, 85.6614



35.5968, 24.1619, 72.5996



16.6879, 15.4991, 17.7484



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.



41.0500, 27.8570, 32.9194



51.1891, 31.3354, 35.5286



38.9391, 28.7049, 16.5868



13.9352, 13.7917, 15.4288



19.0294, 9.6788, 6.8208



1.3625, 0.6883, 0.7017

Inverse Universe

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



41.0500, 27.8570, 32.9194



51.1891, 31.3354, 35.5286



42.8444, 55.9019, 78.3441



13.9352, 13.7917, 15.4288



19.0294, 9.6788, 6.8208



1.3625, 0.6883, 0.7017

Previews

White Background



This preview shows how the XYZ color 41.0492, 27.8556, 32.9189 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 41.0492, 27.8556, 32.9189 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 41.0492, 27.8556, 32.9189

Background



This preview shows how black text looks on a background with the XYZ color 41.0492, 27.8556, 32.9189.



This preview shows how white text looks on a background with the XYZ color 41.0492, 27.8556,

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

41.0492, 27.8556, 32.9189

Protanopia

28.0748, 28.1376, 45.5464

Deuteranopia

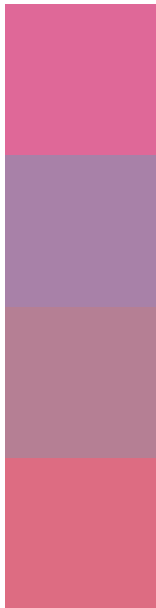
28.4710, 27.9996, 31.0980



Tritanopia

38.4697, 27.8925, 20.4958

Trichromacy



Original Color

41.0492, 27.8556, 32.9189

Protanomaly

31.0666, 26.8525, 40.5915

Deuteranomaly

31.9907, 27.1406, 31.5695

Tritanomaly

39.2106, 27.7090, 24.4008

Monochromacy



Original Color

41.0492, 27.8556, 32.9189

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

30.5615, 26.9876, 31.6153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0492, 27.8556, 32.9189 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(223, 104, 152)` looks like.

```
.text, #text, p{  
    color:rgb(223, 104, 152)  
}
```

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(223, 104, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 104, 152) }
```

Border

The CSS property to change the border of an element to XYZ 41.0492, 27.8556, 32.9189 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(223, 104, 152) }
```


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

```
.border{ border-color:rgb(223, 104, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 104, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 104, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 104, 152);  
box-shadow:4px 4px 4px 4px rgb(223, 104,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0492, 27.8556, 32.9189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 104, 152) }
```

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

```
.background{ background-color: rgb(223,  
104, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor