

Converting Colors

XYZ(44.0865, 28.4155, 56.8241)

Have a look what the booklet for
XYZ(44.0865, 28.4155, 56.8241)
contains.

XYZ(44.0601, 28.4446, 56.5942)	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(44.0601, 28.4446,
56.5942)**

Conversions

Conversions Part 1

Format	Color
Hex	DB65C6
RGB	219, 101, 198
RGB Percent	86%, 40%, 78%
CMY	0.1412, 0.6039, 0.2235
CMYK	0.00, 0.54, 0.10, 0.14
HSL	311°, 62%, 63%
HSV	311°, 54%, 86%
XYZ	44.0601, 28.4446, 56.5942
YIQ	147.3400, 39.1910, 55.1830

Conversions

Conversions Part 2

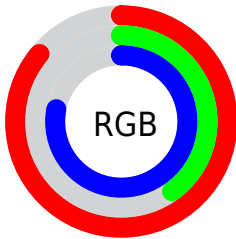
Format	Color
R _Y B	219, 101, 198
Decimal	14378438
CIE Lab	60.29, 58.14, -29.27
CIE LCh	60, 65.091, 333.273
Yxy	28.4446, 0.3413, 0.2203
Android (android.graphics.Color)	4292568518 (0xFFDB65C6)
YUV	147.3400, 24.9754, 62.8458
Hunter-Lab	53.3335, 54.1297, -25.5815

Details

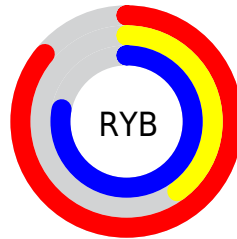
The XYZ color **44.0601, 28.4446, 56.5942** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **34.2125, 54.8358, 27.1955**, and the grayscale version is **27.7633, 29.2091, 31.8088**.

A 20% lighter version of the original color is **71.1785, 52.2569, 100.9428**, and **20.6327, 11.3920, 27.4970** is the 20% darker color. If you saturate the color by 10%, you get **41.7665, 24.5671, 53.6401**, and if you desaturate by 10%, it is **46.9336, 33.4622, 59.7992**.

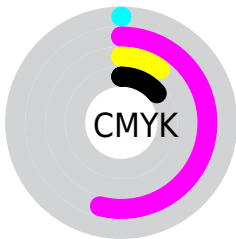
Distribution



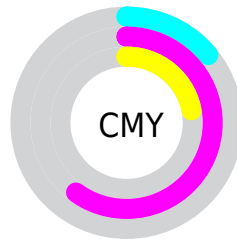
- Red (86%)
- Green (40%)
- Blue (78%)



- Red (86%)
- Yellow (40%)
- Blue (78%)



- Cyan (0%)
- Magenta (54%)
- Yellow (10%)
- Black (14%)





- Cyan (14%)
- Magenta (60%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0601, 28.4446, 56.5942 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 44.0601, 28.4446, 56.5942 by changing the saturation by 10% instead.


 44.0601, 28.4446,
56.5942

 44.0601, 28.4446,
56.5942


353.8015,
294.5853, 429.3780

 30.9159, 18.6611,
40.2723

 80.5540, 57.1935,
101.3673


 20.6863, 11.4256,
27.4355


 104.6343, 76.9276,
130.6556

 13.0060, 6.3539,
17.6653


 133.0907,
100.7475, 165.1031

 7.5097, 3.0614,
10.5430

 166.2886,
129.0373, 205.1284

 3.8320, 1.1639,
5.6502

204.5932,
162.1817, 251.1500

 1.6075, 0.0319,
2.5682

248.3701,

 0.3973, 0.0000,

200.5648, 303.5864

0.8760

297.9844,
244.5713, 362.8563

■ 0.0000, 0.0000,
0.0000

■ 44.0601, 28.4446,
56.5942

■ 44.0601, 28.4446,
56.5942

■ 41.7665, 24.5671,
53.6401

■ 46.9336, 33.4622,
59.7992

■ 40.0037, 21.7335,
50.9194

■ 50.4253, 39.6981,
63.2674

■ 38.7194, 19.8386,
48.4144

■ 54.5733, 47.2279,
67.0124

■ 37.8488, 18.7529,
46.1031

■ 59.4121, 56.1204,
71.0460

■ 37.4544, 18.3565,
44.7619

■ 64.9736, 66.4390,
75.3792

■ 71.2876, 78.2436,
80.0224

■ 78.3823, 91.5902,
84.9853

■ 79.1420, 92.2475,
87.8965

■ 79.6931, 92.4680,
90.7985

Harmonies

Analogous

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



36.8352, 28.4446, 87.5127



44.0601, 28.4446, 56.5942



46.4409, 28.4446, 28.4195

Triad

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



44.0601, 28.4446, 56.5942



26.1294, 28.4446, 4.0110



15.7116, 28.4446, 63.6664

Complementary

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



44.0601, 28.4446, 56.5942



34.2125, 54.8358, 27.1955

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.



13.9659, 28.4446, 33.6715



44.0601, 28.4446, 56.5942



19.1494, 28.4446, 6.2406

Square

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



44.0601, 28.4446, 56.5942



34.9182, 28.4446, 5.3810



15.0819, 28.4446, 14.5532



20.4389, 28.4446, 92.8655

Rectangle

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



44.0601, 28.4446, 56.5942



44.6288, 28.4446, 16.1246



15.0819, 28.4446, 14.5532



14.8065, 28.4446, 52.9227

Sweetspot

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



44.0610, 28.4459, 56.5948



82.2400, 76.2155, 98.9710



25.2798, 18.4643, 69.2500



17.2917, 15.7406, 20.9277



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.



44.0610, 28.4459, 56.5948



58.4922, 33.9100, 75.0550



38.6265, 26.2721, 27.9768



13.5097, 13.2330, 15.9456



22.2452, 10.8991, 26.7351



1.4677, 0.7167, 1.8720

Inverse Universe

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



44.0610, 28.4459, 56.5948



58.4922, 33.9100, 75.0550



38.9038, 56.7124, 51.8997



13.5097, 13.2330, 15.9456



22.2452, 10.8991, 26.7351



1.4677, 0.7167, 1.8720

Previews

White Background



This preview shows how the XYZ color 44.0601, 28.4446, 56.5942 looks on a white background.

Color Contrast Check

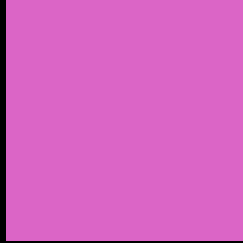
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.0601, 28.4446, 56.5942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

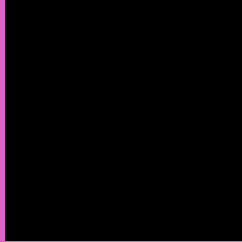
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 44.0601, 28.4446, 56.5942

Background



This preview shows how black text looks on a background with the XYZ color 44.0601, 28.4446, 56.5942.



This preview shows how white text looks on a background with the XYZ color 44.0601, 28.4446,

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

44.0601, 28.4446, 56.5942

Protanopia

31.0700, 28.9159, 80.2877

Deuteranopia

29.2181, 28.5574, 53.2624



Tritanopia

37.1732, 28.3381, 23.5892

Trichromacy



Original Color

44.0601, 28.4446, 56.5942



Protanomaly

33.3999, 27.1850, 71.1970



Deuteranomaly

33.1827, 27.4404, 54.5865



Tritanomaly

39.2755, 28.1844, 33.5071

Monochromacy



Original Color

44.0601, 28.4446, 56.5942



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

32.0991, 27.6027, 39.7124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0601, 28.4446, 56.5942 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(219, 101, 198)` looks like.

```
.text, #text, p{  
    color:rgb(219, 101, 198)  
}
```

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(219, 101, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 101, 198) }
```

Border

The CSS property to change the border of an element to XYZ 44.0601, 28.4446, 56.5942 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(219, 101, 198) }
```


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

```
.border{ border-color:rgb(219, 101, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 101, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 101, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 101, 198);  
box-shadow:4px 4px 4px 4px rgb(219, 101,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0601, 28.4446, 56.5942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 101, 198) }
```

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

```
.background{ background-color: rgb(219,  
101, 198) }
```

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