

Converting Colors

XYZ(41.6607, 27.6105, 54.7699)

Have a look what the booklet for
XYZ(41.6607, 27.6105, 54.7699)
contains.

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Color

**XYZ(41.5645, 27.4895,
54.7451)**

Conversions

Conversions Part 1

Format	Color
Hex	D367C3
RGB	211, 103, 195
RGB Percent	83%, 40%, 76%
CMY	0.1725, 0.5961, 0.2353
CMYK	0.00, 0.51, 0.08, 0.17
HSL	309°, 55%, 62%
HSV	309°, 51%, 83%
XYZ	41.5645, 27.4895, 54.7451
YIQ	145.7800, 34.8360, 51.5080

Conversions

Conversions Part 2

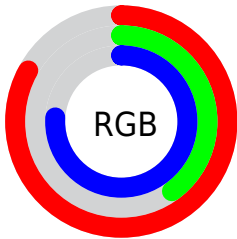
Format	Color
R _Y B	211, 103, 195
Decimal	13854659
CIE Lab	59.42, 54.41, -28.99
CIE LCh	59, 61.653, 331.950
Yxy	27.4895, 0.3357, 0.2220
Android (android.graphics.Color)	4292044739 (0xFFD367C3)
YUV	145.7800, 24.2655, 57.1979
Hunter-Lab	52.4304, 49.7536, -25.2062

Details

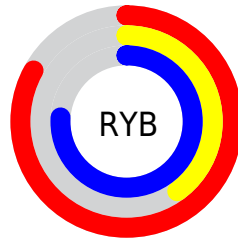
The XYZ color **41.5645, 27.4895, 54.7451** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **32.2188, 50.8049, 25.5628**, and the grayscale version is **27.1265, 28.5391, 31.0791**.

A 20% lighter version of the original color is **71.0375, 52.7420, 98.5316**, and **19.1911, 10.9070, 26.2931** is the 20% darker color. If you saturate the color by 10%, you get **39.3749, 23.6696, 52.2897**, and if you desaturate by 10%, it is **44.2928, 32.3739, 57.4171**.

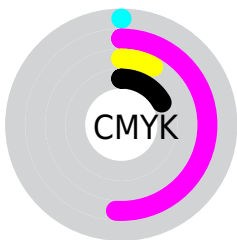
Distribution



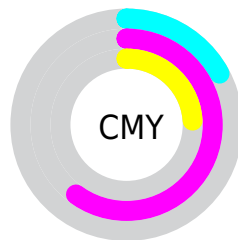
- Red (83%)
- Green (40%)
- Blue (76%)



- Red (83%)
- Yellow (40%)
- Blue (76%)



- Cyan (0%)
- Magenta (51%)
- Yellow (8%)
- Black (17%)





- Cyan (17%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5645, 27.4895, 54.7451 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 41.5645, 27.4895, 54.7451 by changing the saturation by 10% instead.


 41.5645, 27.4895,
54.7451


 41.5645, 27.4895,
54.7451


343.6969,
290.0194, 422.1996

 28.9501, 17.9412,
38.8005


 76.8094, 55.6684,
98.6348


 19.1871, 10.9078,
26.2979


 100.1706, 75.0677,
127.4169

 11.9104, 6.0049,
16.8189


 127.8447, 98.5195,
161.3153

 6.7544, 2.8480,
9.9448

 160.1971,
126.4082, 200.7484

 3.3540, 1.0529,
5.2573

197.5931,
159.1181, 246.1349

 1.3436, 0.0000,
2.3376

240.3982,

 0.2155, 0.0000,

197.0337, 297.8932

0.7522

288.9777,
240.5394, 356.4420

■ 0.0000, 0.0000,
0.0000

■ 41.5645, 27.4895,
54.7451

■ 41.5645, 27.4895,
54.7451

■ 39.3749, 23.6696,
52.2897

■ 44.2928, 32.3739,
57.4171

■ 37.6806, 20.8290,
50.0355

■ 47.5935, 38.3917,
60.3163

■ 36.4359, 18.8759,
47.9672

■ 51.5007, 45.6106,
63.4547

■ 35.5853, 17.6995,
46.0661

■ 56.0451, 54.0919,
66.8426

■ 35.0759, 17.1337,
44.4996

■ 61.2553, 63.8926,
70.4899

■ 67.1581, 75.0663,
74.4056

■ 73.7789, 87.6636,
78.5984

■ 75.5437, 90.5368,
81.2106

■ 75.9618, 90.7040,
83.4120

Harmonies

Analogous

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



34.8097, 27.4895, 82.5332



41.5645, 27.4895, 54.7451



43.9775, 27.4895, 28.5063

Triad

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



41.5645, 27.4895, 54.7451



25.6255, 27.4895, 4.3604



15.4358, 27.4895, 58.5832

Complementary

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



41.5645, 27.4895, 54.7451



32.2188, 50.8049, 25.5628

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.



13.9097, 27.4895, 31.4032



41.5645, 27.4895, 54.7451



19.0250, 27.4895, 6.3918

Square

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



41.5645, 27.4895, 54.7451



33.7599, 27.4895, 5.8882



15.0825, 27.4895, 14.0438



19.7427, 27.4895, 85.4140

Rectangle

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



41.5645, 27.4895, 54.7451



42.4823, 27.4895, 16.6720



15.0825, 27.4895, 14.0438



14.6237, 27.4895, 48.8306

Sweetspot

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



41.5654, 27.4908, 54.7457



83.1393, 77.6173, 100.4948



23.9994, 18.2148, 63.8795



17.4773, 16.0200, 21.2729



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.



41.5654, 27.4908, 54.7457



60.3036, 36.0928, 80.0981



36.6430, 25.5218, 28.8244



12.2324, 11.9777, 14.4994



21.1980, 10.3521, 27.0128



1.2062, 0.5872, 1.6209

Inverse Universe

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



41.5654, 27.4908, 54.7457



60.3036, 36.0928, 80.0981



36.2778, 52.4285, 46.9372



12.2324, 11.9777, 14.4994



21.1980, 10.3521, 27.0128



1.2062, 0.5872, 1.6209

Previews

White Background



This preview shows how the XYZ color 41.5645, 27.4895, 54.7451 looks on a white background.

Color Contrast Check

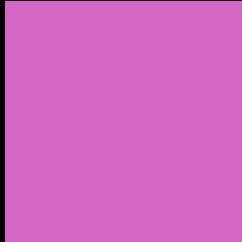
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.5645, 27.4895, 54.7451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

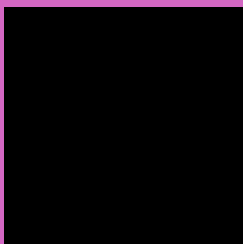
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.5645, 27.4895, 54.7451

Background



This preview shows how black text looks on a background with the XYZ color 41.5645, 27.4895, 54.7451.



This preview shows how white text looks on a background with the XYZ color 41.5645, 27.4895,

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

41.5645, 27.4895, 54.7451

Protanopia

29.7976, 27.9307, 75.0548

Deuteranopia

28.2748, 27.6671, 51.4270



Tritanopia

35.1217, 27.4487, 23.8691

Trichromacy



Original Color

41.5645, 27.4895, 54.7451



Protanomaly

31.9397, 26.3297, 67.0171



Deuteranomaly

31.6913, 26.5174, 52.7383



Tritanomaly

37.0262, 27.1991, 33.0042

Monochromacy



Original Color

41.5645, 27.4895, 54.7451



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

31.2610, 27.1916, 38.7228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5645, 27.4895, 54.7451 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(211, 103, 195)` looks like.

```
.text, #text, p{  
    color:rgb(211, 103, 195)  
}
```

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(211, 103, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 103, 195) }
```

Border

The CSS property to change the border of an element to XYZ 41.5645, 27.4895, 54.7451 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(211, 103, 195) }
```


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

```
.border{ border-color:rgb(211, 103, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 103, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 103, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 103, 195);  
box-shadow:4px 4px 4px 4px rgb(211, 103,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5645, 27.4895, 54.7451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 103, 195) }
```

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

```
.background{ background-color: rgb(211,  
103, 195) }
```

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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