

Converting Colors

XYZ(41.6080, 27.9987, 61.6627)

Have a look what the booklet for
XYZ(41.6080, 27.9987, 61.6627)
contains.

XYZ(41.5751, 27.9508, 61.5963)	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(41.5751, 27.9508,
61.5963)**

Conversions

Conversions Part 1

Format	Color
Hex	CD6BCE
RGB	205, 107, 206
RGB Percent	80%, 42%, 81%
CMY	0.1961, 0.5804, 0.1922
CMYK	0.00, 0.48, 0.00, 0.19
HSL	299°, 50%, 61%
HSV	299°, 48%, 81%
XYZ	41.5751, 27.9508, 61.5963
YIQ	147.5880, 26.6290, 51.5650

Conversions

Conversions Part 2

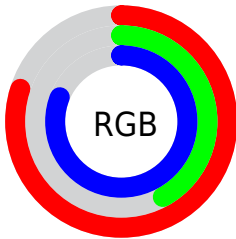
Format	Color
RYB	205, 107, 206
Decimal	13462478
CIELab	59.84, 52.63, -34.64
CIELCh	60, 63.013, 326.647
Yxy	27.9508, 0.3171, 0.2132
Android (android.graphics.Color)	4291652558 (0xFFCD6BCE)
YUV	147.5880, 28.7971, 50.3503
Hunter-Lab	52.8685, 47.8501, -32.0699

Details

The XYZ color **41.5751, 27.9508, 61.5963** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **30.9105, 48.3930, 21.6230**, and the grayscale version is **27.8543, 29.3049, 31.9130**.

A 20% lighter version of the original color is **72.0349, 53.9697, 101.2283**, and **19.0718, 11.0765, 30.4109** is the 20% darker color. If you saturate the color by 10%, you get **39.6207, 24.1265, 60.9615**, and if you desaturate by 10%, it is **44.0430, 32.8007, 62.4028**.

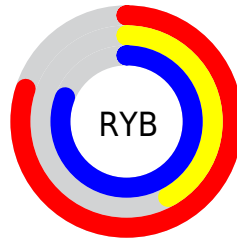
Distribution



Red (80%)

Green (42%)

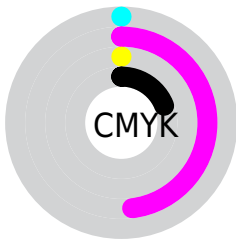
Blue (81%)



Red (80%)

Yellow (42%)

Blue (81%)

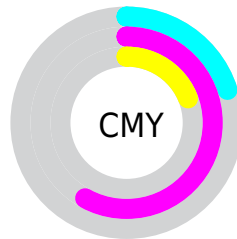


Cyan (0%)

Magenta (48%)

Yellow (0%)

Black (19%)



Cyan (20%)


Magenta (58%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5751, 27.9508, 61.5963 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 41.5751, 27.9508, 61.5963 by changing the saturation by 10% instead.


 41.5751, 27.9508,
61.5963


 41.5751, 27.9508,
61.5963


343.7402,
292.2317, 448.4239


 28.9584, 18.2886,
44.2729


 76.8254, 56.4059,
108.7078


 19.1935, 11.1574,
30.5463


 100.1896, 75.9675,
139.3330

 11.9150, 6.1728,
19.9981


 127.8671, 99.5978,
175.2291

 6.7576, 2.9504,
12.2096

 160.2231,
127.6810, 216.8148

 3.3559, 1.1059,
6.7623

197.6231,
160.6016, 264.5086

 1.3447, 0.0000,
3.2377

240.4324,

 0.2163, 0.0000,

198.7440, 318.7291

1.2173

289.0163,
242.4926, 379.8946

■ 0.0000, 0.0000,
0.0000

■ 41.5751, 27.9508,
61.5963

■ 41.5751, 27.9508,
61.5963

■ 39.6207, 24.1265,
60.9615

■ 44.0430, 32.8007,
62.4028

■ 38.1401, 21.2502,
60.4844

■ 47.0549, 38.7391,
63.3902

■ 37.0923, 19.2395,
60.1515

■ 50.6421, 45.8280,
64.5695

■ 36.4282, 17.9961,
59.9465

■ 54.8329, 54.1241,
65.9499

■ 36.0754, 17.3751,
59.8452

■ 59.6536, 63.6798,
67.5403

■ 36.0208, 17.2825,
59.8302

■ 65.1291, 74.5450,
69.3489

■ 71.2828, 86.7665,
71.3835

■ 72.5392, 89.1934,
71.7857

■ 72.5973, 89.2234,
71.7884

Harmonies

Analogous

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



34.0689, 27.9508, 89.1235



41.5751, 27.9508, 61.5963



45.0422, 27.9508, 33.0799

Triad

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



41.5751, 27.9508, 61.5963



27.4750, 27.9508, 4.2534



15.0657, 27.9508, 54.7370

Complementary

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



41.5751, 27.9508, 61.5963



30.9105, 48.3930, 21.6230

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.



13.9923, 27.9508, 27.9324



41.5751, 27.9508, 61.5963



20.2551, 27.9508, 5.6156

Square

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



41.5751, 27.9508, 61.5963



35.9390, 27.9508, 6.4916



15.6896, 27.9508, 12.0876



18.9839, 27.9508, 83.9598

Rectangle

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



41.5751, 27.9508, 61.5963



44.1698, 27.9508, 19.4898



15.6896, 27.9508, 12.0876



14.3990, 27.9508, 44.8573

Sweetspot

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



41.5761, 27.9520, 61.5969



84.5674, 79.2314, 105.4438



22.6366, 18.4462, 60.7603



17.7938, 16.3511, 22.4682



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.



41.5761, 27.9520, 61.5969



64.0110, 38.7342, 98.7104



36.8967, 26.1123, 35.5123



11.6759, 11.3978, 14.1550



22.1857, 10.6447, 36.8416



1.1482, 0.5510, 1.9008

Inverse Universe

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



33.4190, 24.7212, 17.1989



49.2466, 32.8916, 18.1065



34.0395, 49.6306, 38.7312



11.2169, 11.2155, 11.6766



15.6827, 8.0837, 0.7818



0.8107, 0.4177, 0.0490

Previews

White Background



This preview shows how the XYZ color 41.5751, 27.9508, 61.5963 looks on a white background.

Color Contrast Check

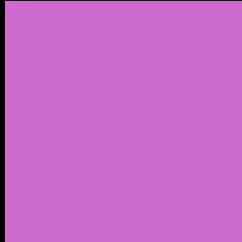
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.5751, 27.9508, 61.5963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

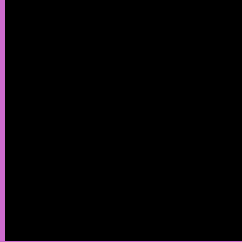
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.5751, 27.9508, 61.5963

Background



This preview shows how black text looks on a background with the XYZ color 41.5751, 27.9508, 61.5963.



This preview shows how white text looks on a background with the XYZ color 41.5751, 27.9508,

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

41.5751, 27.9508, 61.5963

Protanopia

30.8527, 28.5323, 82.4784

Deuteranopia

29.0002, 28.3271, 58.5828



Tritanopia

34.2062, 27.8445, 25.7620

Trichromacy



Original Color

41.5751, 27.9508, 61.5963



Protanomaly

32.6325, 26.9220, 73.9975



Deuteranomaly

32.1609, 27.1981, 59.4318



Tritanomaly

36.3768, 27.6370, 36.6749

Monochromacy



Original Color

41.5751, 27.9508, 61.5963



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

31.9111, 28.0746, 41.2732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5751, 27.9508, 61.5963 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(205, 107, 206)` looks like.

```
.text, #text, p{  
    color:rgb(205, 107, 206)  
}
```

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(205, 107, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 107, 206) }
```

Border

The CSS property to change the border of an element to XYZ 41.5751, 27.9508, 61.5963 is called "border". The border property can be set on classes, ids or directly on the HTML element.

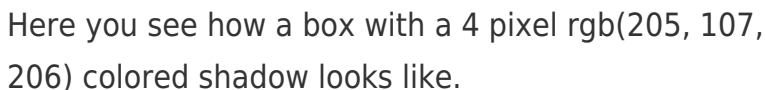
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 107, 206) }
```


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

```
.border{ border-color:rgb(205, 107, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 107, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 107, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 107, 206);  
box-shadow:4px 4px 4px 4px rgb(205, 107,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5751, 27.9508, 61.5963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 107, 206) }
```

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

```
.background{ background-color: rgb(205,  
107, 206) }
```

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