

Converting Colors

XYZ(42.5656, 26.5128, 62.1622)

Have a look what the booklet for
XYZ(42.5656, 26.5128, 62.1622)
contains.

XYZ(42.7058, 26.6565, 61.9259)	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(42.7058, 26.6565,
61.9259)**

Conversions

Conversions Part 1

Format	Color
Hex	D55ECF
RGB	213, 94, 207
RGB Percent	84%, 37%, 81%
CMY	0.1647, 0.6314, 0.1882
CMYK	0.00, 0.56, 0.03, 0.16
HSL	303°, 59%, 60%
HSV	303°, 56%, 84%
XYZ	42.7058, 26.6565, 61.9259
YIQ	142.4630, 34.6510, 60.3710

Conversions

Conversions Part 2

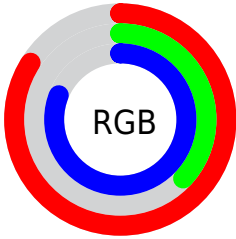
Format	Color
RYB	213, 94, 207
Decimal	13983439
CIELab	58.66, 61.17, -36.99
CIELCh	59, 71.484, 328.839
Yxy	26.6565, 0.3253, 0.2030
Android (android.graphics.Color)	4292173519 (0xFFD55ECF)
YUV	142.4630, 31.8167, 61.8609
Hunter-Lab	51.6299, 57.2942, -34.9726

Details

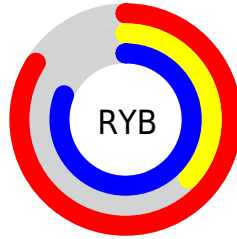
The XYZ color **42.7058, 26.6565, 61.9259** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **30.7118, 50.8894, 20.2621**, and the grayscale version is **25.7637, 27.1054, 29.5178**.

A 20% lighter version of the original color is **70.1963, 50.2927, 100.6154**, and **19.7861, 10.4376, 30.6776** is the 20% darker color. If you saturate the color by 10%, you get **40.9359, 23.3254, 60.6904**, and if you desaturate by 10%, it is **45.0010, 31.0353, 63.3414**.

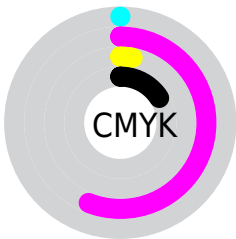
Distribution



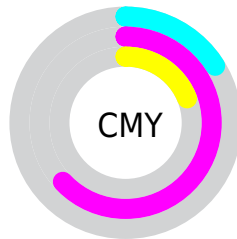
- Red (84%)
- Green (37%)
- Blue (81%)



- Red (84%)
- Yellow (37%)
- Blue (81%)



- Cyan (0%)
- Magenta (56%)
- Yellow (3%)
- Black (16%)



- Cyan (16%)
- Magenta (63%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7058, 26.6565, 61.9259 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 42.7058, 26.6565, 61.9259 by changing the saturation by 10% instead.

42.7058, 26.6565,
61.9259

42.7058, 26.6565,
61.9259

348.3425,
285.9901, 449.6609

29.8479, 17.3154,
44.5374

78.5252, 54.3322,
109.1890

19.8706, 10.4596,
30.7529

102.2174, 73.4355,
139.9007

12.4088, 5.7048,
20.1539

130.2517, 96.5618,
175.8905

7.0969, 2.6664,
12.3218

162.9935,
124.0953, 217.5771

3.5696, 0.9602,
6.8380

200.8081,
156.4205, 265.3788

1.4617, 0.0000,
3.2841

244.0609,

0.2995, 0.0000,

193.9218, 319.7144

1.2415

293.1173,
236.9835, 381.0022

■ 0.0000, 0.0000,
0.0131

■ 0.0000, 0.0000,
0.0000

■ 42.7058, 26.6565,
61.9259

■ 42.7058, 26.6565,
61.9259

■ 40.9359, 23.3254,
60.6904

■ 45.0010, 31.0353,
63.3414

■ 39.6442, 20.9502,
59.6185


■ 47.8578, 36.5366,
64.9482


■ 38.7804, 19.4292,
58.6936

■ 51.3125, 43.2322,
66.7588


■ 38.2808, 18.6352,
57.8945


■ 55.3976, 51.1872,
68.7839


 38.1325, 18.4230,
57.5848

 60.1432, 60.4619,
71.0337

 65.5777, 71.1127,
73.5175

 71.7275, 83.1928,
76.2442

 75.5432, 90.6032,
78.1974

 75.6822, 90.6589,
78.9295

Harmonies

Analogous

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



34.3847, 26.6565, 95.3339



42.7058, 26.6565, 61.9259



46.2448, 26.6565, 30.0150

Triad

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



42.7058, 26.6565, 61.9259



25.6798, 26.6565, 2.5533



13.2368, 26.6565, 59.1564

Complementary

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



42.7058, 26.6565, 61.9259



30.7118, 50.8894, 20.2621

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.



11.9264, 26.6565, 28.0558



42.7058, 26.6565, 61.9259



18.0332, 26.6565, 3.9302

Square

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



42.7058, 26.6565, 61.9259



35.1160, 26.6565, 4.1942



13.4599, 26.6565, 10.5041



17.5650, 26.6565, 93.1858

Rectangle

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



42.7058, 26.6565, 61.9259



44.9120, 26.6565, 16.0420



13.4599, 26.6565, 10.5041



12.4801, 26.6565, 47.6076

Sweetspot

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



42.7067, 26.6577, 61.9264



82.3961, 75.2522, 102.9555



21.2642, 15.5173, 64.8262



17.3582, 15.5651, 21.9007



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.



42.7067, 26.6577, 61.9264



61.1156, 34.3014, 90.8979



36.7542, 24.2767, 30.5808



12.9247, 12.6214, 15.5438



23.3044, 11.2581, 35.2364



1.4141, 0.6824, 2.1700

Inverse Universe

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



42.7067, 26.6577, 61.9264



61.1156, 34.3014, 90.8979



34.7087, 52.4882, 41.3093



12.9247, 12.6214, 15.5438



23.3044, 11.2581, 35.2364



1.4141, 0.6824, 2.1700

Previews

White Background



This preview shows how the XYZ color 42.7058, 26.6565, 61.9259 looks on a white background.

Color Contrast Check

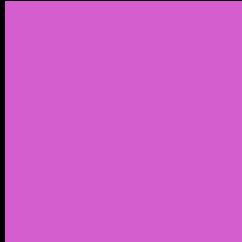
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.7058, 26.6565, 61.9259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

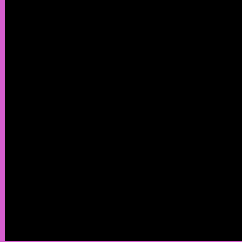
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.7058, 26.6565, 61.9259

Background



This preview shows how black text looks on a background with the XYZ color 42.7058, 26.6565, 61.9259.



This preview shows how white text looks on a background with the XYZ color 42.7058, 26.6565,

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

42.7058, 26.6565, 61.9259

Protanopia

30.1860, 27.1492, 90.0355

Deuteranopia

27.5720, 26.9446, 57.7805



Tritanopia

34.3974, 26.4132, 22.3541

Trichromacy



Original Color

42.7058, 26.6565, 61.9259



Protanomaly

31.6999, 25.0070, 78.7574



Deuteranomaly

31.0701, 25.3002, 59.1230



Tritanomaly

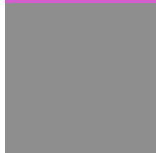
36.8226, 26.1139, 33.6716

Monochromacy



Original Color

42.7058, 26.6565, 61.9259



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

30.3650, 25.7452, 39.4453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7058, 26.6565, 61.9259 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(213, 94, 207)` looks like.

```
.text, #text, p{  
    color:rgb(213, 94, 207)  
}
```

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(213, 94, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 94, 207) }
```

Border

The CSS property to change the border of an element to XYZ 42.7058, 26.6565, 61.9259 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(213, 94, 207) }
```


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

```
.border{ border-color:rgb(213, 94, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 94, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 94, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 94, 207);  
box-shadow:4px 4px 4px 4px rgb(213, 94,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7058, 26.6565, 61.9259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 94, 207) }
```

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

```
.background{ background-color: rgb(213, 94,  
207) }
```

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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