

Converting Colors

XYZ(37.6698, 24.4568, 61.4787)

Have a look what the booklet for
XYZ(37.6698, 24.4568, 61.4787)
contains.

XYZ(37.7853, 24.5237, 61.7735)	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(37.7853, 24.5237,
61.7735)**

Conversions

Conversions Part 1

Format	Color
Hex	C261CF
RGB	194, 97, 207
RGB Percent	76%, 38%, 81%
CMY	0.2392, 0.6196, 0.1882
CMYK	0.06, 0.53, 0.00, 0.19
HSL	293°, 53%, 60%
HSV	293°, 53%, 81%
XYZ	37.7853, 24.5237, 61.7735
YIQ	138.5430, 22.5020, 54.7740

Conversions

Conversions Part 2

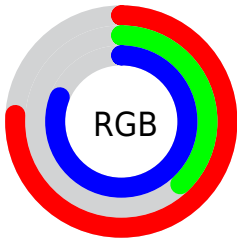
Format	Color
RYB	194, 97, 207
Decimal	12739023
CIELab	56.61, 54.68, -40.38
CIELCh	57, 67.975, 323.554
Yxy	24.5237, 0.3045, 0.1976
Android (android.graphics.Color)	4290929103 (0xFFC261CF)
YUV	138.5430, 33.7493, 48.6358
Hunter-Lab	49.5214, 49.5347, -39.2940

Details

The XYZ color **37.7853, 24.5237, 61.7735** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **30.9016, 48.8043, 19.1018**, and the grayscale version is **24.2347, 25.4968, 27.7660**.

A 20% lighter version of the original color is **69.6246, 50.2359, 100.6346**, and **16.9767, 9.3262, 30.6111** is the 20% darker color. If you saturate the color by 10%, you get **35.4938, 20.8644, 61.1883**, and if you desaturate by 10%, it is **40.5879, 29.1883, 62.5265**.

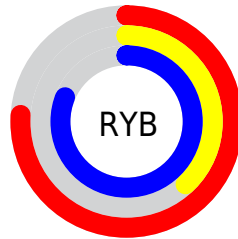
Distribution



Red (76%)

Green (38%)

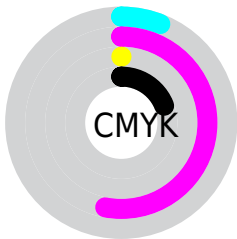
Blue (81%)



Red (76%)

Yellow (38%)

Blue (81%)

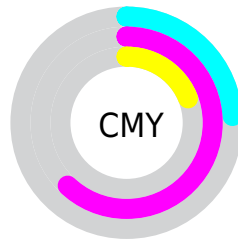


Cyan (6%)

Magenta (53%)

Yellow (0%)

Black (19%)



Cyan (24%)


Magenta (62%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.7853, 24.5237, 61.7735 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 37.7853, 24.5237, 61.7735 by changing the saturation by 10% instead.

 37.7853, 24.5237,
61.7735


 37.7853, 24.5237,
61.7735

327.9949,
275.4575, 449.0892

 25.9926, 15.7226,
44.4151


 71.0850, 50.8835,
108.9665


 16.9507, 9.3280,
30.6574


 93.3226, 69.2109,
139.6382

 10.2944, 4.9558,
20.0818

 119.7726, 91.4825,
175.5848

 5.6584, 2.2213,
12.2699

 150.8002,
118.0827, 217.2247

 2.6772, 0.7316,
6.8030

186.7709,
149.3959, 264.9766

 0.9854, 0.0000,
3.2626

228.0500,

 0.0000, 0.0000,

185.8066, 319.2590

1.2302

275.0029,
227.6990, 380.4903

■ 0.0000, 0.0000,
0.0036

■ 0.0000, 0.0000,
0.0000

■ 37.7853, 24.5237,
61.7735

■ 37.7853, 24.5237,
61.7735

■ 35.4938, 20.8644,
61.1883

■ 40.5879, 29.1883,
62.5265

■ 33.6710, 18.1279,
60.7562


■ 43.9343, 34.9259,
63.4576


■ 32.2719, 16.2238,
60.4624


■ 47.8577, 41.8020,
64.5780


■ 31.2414, 15.0417,
60.2886


■ 52.3878, 49.8759,
65.8977


 30.6813, 14.5157,
60.2166

 57.5522, 59.2029,
67.4258

 63.3769, 69.8346,
69.1709

 69.8862, 81.8200,
71.1413

 74.6292, 90.2568,
72.5197

 75.3467, 90.6267,
72.5533

Harmonies

Analogous

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



29.9203, 24.5237, 89.7146



37.7853, 24.5237, 61.7735



41.8924, 24.5237, 31.8891

Triad

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



37.7853, 24.5237, 61.7735



25.0560, 24.5237, 2.6066



11.9746, 24.5237, 48.1285

Complementary

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



37.7853, 24.5237, 61.7735



30.9016, 48.8043, 19.1018

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.



11.2400, 24.5237, 22.1105



37.7853, 24.5237, 61.7735



17.7513, 24.5237, 3.3831

Square

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



37.7853, 24.5237, 61.7735



33.5458, 24.5237, 4.7704



13.1019, 24.5237, 8.3012



15.4006, 24.5237, 79.2001

Rectangle

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



37.7853, 24.5237, 61.7735



41.4109, 24.5237, 17.7503



13.1019, 24.5237, 8.3012



11.4423, 24.5237, 38.2485

Sweetspot

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



37.7862, 24.5248, 61.7740



81.6355, 75.7714, 104.9304



21.9507, 18.5624, 61.4578



17.1457, 15.6334, 22.3638



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.



37.7862, 24.5248, 61.7740



56.3569, 32.6236, 97.9344



36.9518, 24.5935, 39.1982



12.1675, 11.9352, 14.9061



19.3831, 9.1726, 37.9414



1.1236, 0.5334, 2.1233

Inverse Universe

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



32.8220, 22.9415, 17.4510



47.9238, 30.0293, 18.3342



31.7827, 48.9833, 31.5732



11.8648, 11.8306, 12.5636



16.3377, 8.4079, 1.4185



0.9329, 0.4779, 0.1815

Previews

White Background



This preview shows how the XYZ color 37.7853, 24.5237, 61.7735 looks on a white background.

Color Contrast Check

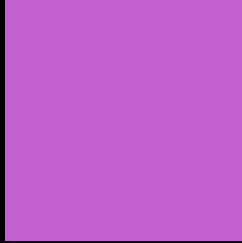
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.7853, 24.5237, 61.7735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

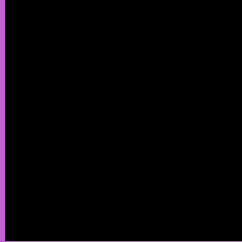
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.7853, 24.5237, 61.7735

Background



This preview shows how black text looks on a background with the XYZ color 37.7853, 24.5237, 61.7735.



This preview shows how white text looks on a background with the XYZ color 37.7853, 24.5237,

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

37.7853, 24.5237, 61.7735

Protanopia

27.9920, 25.0818, 85.0273

Deuteranopia

25.3960, 24.7493, 58.0822



Tritanopia

29.6556, 24.2962, 22.8653

Trichromacy



Original Color

37.7853, 24.5237, 61.7735



Protanomaly

29.3340, 23.4910, 75.6612



Deuteranomaly

28.4321, 23.5620, 59.5493



Tritanomaly

31.9858, 24.0832, 33.9730

Monochromacy



Original Color

37.7853, 24.5237, 61.7735



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

28.2066, 24.4666, 38.3578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7853, 24.5237, 61.7735 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(194, 97, 207)` looks like.

```
.text, #text, p{  
    color:rgb(194, 97, 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(194, 97, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 97, 207) }
```

Border

The CSS property to change the border of an element to XYZ 37.7853, 24.5237, 61.7735 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(194, 97, 207) }
```


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

```
.border{ border-color:rgb(194, 97, 207) }
```

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

Here you see how a box with a 4 pixel rgb(194, 97, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 97, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 97, 207);  
box-shadow:4px 4px 4px 4px rgb(194, 97,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7853, 24.5237, 61.7735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 97, 207) }
```

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

```
.background{ background-color: rgb(194, 97,  
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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