

Converting Colors

XYZ(41.0826, 37.5445, 58.2376)

Have a look what the booklet for
XYZ(41.0826, 37.5445, 58.2376)
contains.

XYZ(41.1376, 37.6779, 58.5305)	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(41.1376, 37.6779,
58.5305)**

Conversions

Conversions Part 1

Format	Color
Hex	B59CC6
RGB	181, 156, 198
RGB Percent	71%, 61%, 78%
CMY	0.2902, 0.3882, 0.2235
CMYK	0.09, 0.21, 0.00, 0.22
HSL	276°, 27%, 69%
HSV	276°, 21%, 78%
XYZ	41.1376, 37.6779, 58.5305
YIQ	168.2630, 1.4180, 18.3620

Conversions

Conversions Part 2

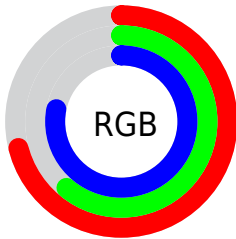
Format	Color
RYB	181, 156, 198
Decimal	11902150
CIELab	67.78, 17.08, -18.17
CIELCh	68, 24.936, 313.238
Yxy	37.6779, 0.2995, 0.2743
Android (android.graphics.Color)	4290092230 (0xFFB59CC6)
YUV	168.2630, 14.6603, 11.1703
Hunter-Lab	61.3823, 12.2092, -13.5678

Details

The XYZ color **41.1376, 37.6779, 58.5305** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.4297, 51.6737, 39.1393**, and the grayscale version is **37.2793, 39.2208, 42.7114**.

A 20% lighter version of the original color is **76.2693, 71.8131, 104.4492**, and **18.9877, 16.7060, 28.6094** is the 20% darker color. If you saturate the color by 10%, you get **36.2568, 30.6258, 57.4271**, and if you desaturate by 10%, it is **46.6704, 45.8720, 59.8211**.

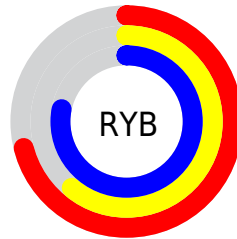
Distribution



Red (71%)

Green (61%)

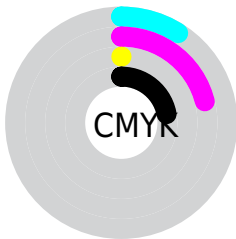
Blue (78%)



Red (71%)

Yellow (61%)

Blue (78%)

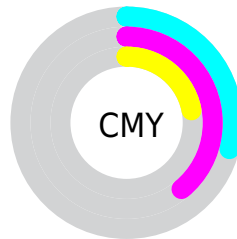


Cyan (9%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (29%)

Magenta (39%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1376, 37.6779, 58.5305 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 41.1376, 37.6779, 58.5305 by changing the saturation by 10% instead.

■ 41.1376, 37.6779,
58.5305

■ 41.1376, 37.6779,
58.5305

341.9482,
336.2362, 436.8131

■ 28.6148, 25.7328,
41.8178

■ 76.1661, 71.6142,
104.2174

■ 18.9324, 16.6238,
28.6341

■ 99.4025, 94.3741,
134.0286

■ 11.7252, 9.9667,
18.5610

126.9408,
121.5078, 169.0431

■ 6.6277, 5.3769,
11.1799

159.1463,
153.3997, 209.6794

■ 3.2746, 2.4700,
6.0723

196.3845,
190.4340, 256.3560

■ 1.3006, 0.8616,
2.8196

239.0206,

■ 0.1837, 0.0000,

232.9953, 309.4914

1.0033

287.4200,
281.4679, 369.5043

■ 0.0000, 0.0000,
0.0000

■ 41.1376, 37.6779,
58.5305

■ 41.1376, 37.6779,
58.5305

■ 36.2568, 30.6258,
57.4271

■ 46.6704, 45.8720,
59.8211

■ 31.9966, 24.6577,
56.4997

■ 52.8779, 55.2532,
61.3047

■ 28.3278, 19.7175,
55.7395

■ 59.7860, 65.8699,
62.9898

■ 25.2175, 15.7418,
55.1361

■ 67.4180, 77.7661,
64.8838

■ 22.6289, 12.6604,
54.6777

■ 75.7946, 90.9811,
66.9930

■ 20.5205, 10.3927,
54.3511

■ 78.2946, 92.2699,
67.1100

■ 18.8428, 8.8432,
54.1405

■ 80.9128, 93.6196,
67.2325

■ 17.6448, 7.9187,
54.0252

■ 83.6505, 95.0310,
67.3607

■ 86.5094, 96.5048,
67.4945

Harmonies

Analogous

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



37.5374, 37.6779, 65.3755



41.1376, 37.6779, 58.5305



43.3948, 37.6779, 47.4621

Triad

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



41.1376, 37.6779, 58.5305



37.9940, 37.6779, 23.8593



29.0650, 37.6779, 46.0847

Complementary

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



41.1376, 37.6779, 58.5305



43.4297, 51.6737, 39.1393

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.



29.1679, 37.6779, 35.1976



41.1376, 37.6779, 58.5305



34.1397, 37.6779, 23.6244

Square

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



41.1376, 37.6779, 58.5305



41.4925, 37.6779, 28.1243



30.9666, 37.6779, 27.4120



30.6747, 37.6779, 57.3673

Rectangle

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



41.1376, 37.6779, 58.5305



43.7405, 37.6779, 39.8365



30.9666, 37.6779, 27.4120



28.9041, 37.6779, 42.2365

Sweetspot

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



41.1388, 37.6795, 58.5313



88.1200, 89.4680, 107.2324



38.9444, 41.2259, 59.3315



18.7057, 18.9148, 22.9150



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.



41.1388, 37.6795, 58.5313



69.1110, 61.2810, 102.7936



44.9721, 39.7018, 56.6275



10.6518, 10.5943, 13.4010



11.5736, 5.2007, 35.1382



0.6285, 0.2877, 1.6676

Inverse Universe

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



42.7212, 38.8014, 44.7745



72.4568, 63.6433, 74.1481



40.2072, 49.9777, 40.5580



10.8088, 10.7069, 11.9765



16.1303, 8.2017, 5.8963



0.7995, 0.4026, 0.4672

Previews

White Background



This preview shows how the XYZ color 41.1376, 37.6779, 58.5305 looks on a white background.

Color Contrast Check

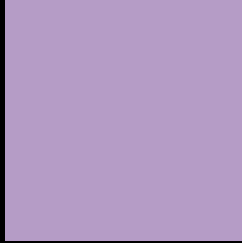
Large Text (above 18pt) WCAG AA × Fail

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 41.1376, 37.6779, 58.5305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

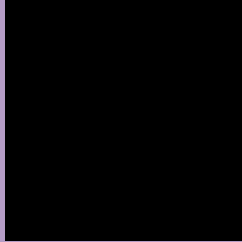
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1376, 37.6779, 58.5305

Background



This preview shows how black text looks on a background with the XYZ color 41.1376, 37.6779, 58.5305.



This preview shows how white text looks on a background with the XYZ color 41.1376, 37.6779,

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

41.1376, 37.6779, 58.5305

Protanopia

37.7653, 37.9306, 61.8308

Deuteranopia

38.5488, 37.6279, 58.0545



Tritanopia

38.2451, 37.5059, 44.7588

Trichromacy



Original Color

41.1376, 37.6779, 58.5305

Protanomaly

38.8045, 37.7061, 60.4911

Deuteranomaly

39.2708, 37.4854, 57.9889

Tritanomaly

39.2017, 37.6387, 49.4548

Monochromacy



Original Color

41.1376, 37.6779, 58.5305

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.6457, 38.6898, 48.0789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1376, 37.6779, 58.5305 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(181, 156, 198)` looks like.

```
.text, #text, p{  
    color:rgb(181, 156, 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(181, 156, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 156, 198) }
```

Border

The CSS property to change the border of an element to XYZ 41.1376, 37.6779, 58.5305 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(181, 156, 198) }
```


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

```
.border{ border-color:rgb(181, 156, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 156, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 156, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 156, 198);  
box-shadow:4px 4px 4px 4px rgb(181, 156,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1376, 37.6779, 58.5305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 156, 198) }
```

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

```
.background{ background-color: rgb(181,  
156, 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](#).

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