

Converting Colors

XYZ(40.3730, 42.5854, 57.9233)

Have a look what the booklet for
XYZ(40.3730, 42.5854, 57.9233)
contains.

XYZ(40.4799, 42.7773, 57.7531)	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(40.4799, 42.7773,
57.7531)**

Conversions

Conversions Part 1

Format	Color
Hex	A3B0C3
RGB	163, 176, 195
RGB Percent	64%, 69%, 76%
CMY	0.3608, 0.3098, 0.2353
CMYK	0.16, 0.10, 0.00, 0.24
HSL	216°, 21%, 70%
HSV	216°, 16%, 76%
XYZ	40.4799, 42.7773, 57.7531
YIQ	174.2790, -13.8470, 3.1530

Conversions

Conversions Part 2

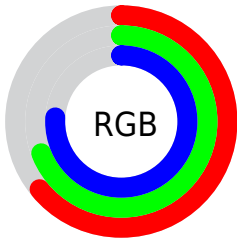
Format	Color
R _Y B	163, 172, 195
Decimal	10727619
CIE Lab	71.40, -0.55, -11.20
CIE LCh	71, 11.213, 267.175
Yxy	42.7773, 0.2871, 0.3034
Android (android.graphics.Color)	4288917699 (0xFFA3B0C3)
YUV	174.2790, 10.2155, -9.8917
Hunter-Lab	65.4044, -3.9809, -6.5710

Details

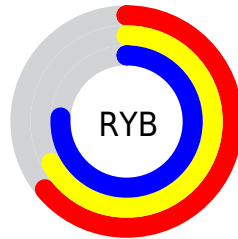
The XYZ color **40.4799, 42.7773, 57.7531** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.8448, 47.7023, 41.4424**, and the grayscale version is **40.3307, 42.4311, 46.2074**.

A 20% lighter version of the original color is **75.3407, 79.6469, 103.4980**, and **18.5709, 19.7179, 28.0264** is the 20% darker color. If you saturate the color by 10%, you get **34.6172, 36.5287, 56.8567**, and if you desaturate by 10%, it is **47.1544, 49.7340, 58.7448**.

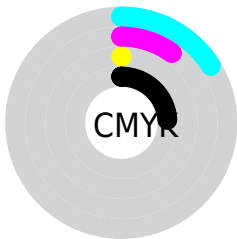
Distribution



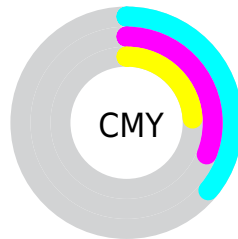
- Red (64%)
- Green (69%)
- Blue (76%)



- Red (64%)
- Yellow (67%)
- Blue (76%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4799, 42.7773, 57.7531 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 40.4799, 42.7773, 57.7531 by changing the saturation by 10% instead.

■ 40.4799, 42.7773,
57.7531

■ 40.4799, 42.7773,
57.7531

339.2420,
357.6951, 433.8378

■ 28.0988, 29.7104,
41.1968

■ 75.1734, 79.3747,
103.0745

■ 18.5410, 19.6189,
28.1520

■ 98.2166, 103.6740,
132.6766

■ 11.4411, 12.1183,
18.2003

125.5444,
132.4862, 167.4644

■ 6.4338, 6.8243,
10.9229

157.5224,
166.1958, 207.8565

■ 3.1538, 3.3525,
5.9015

194.5157,
205.1870, 254.2713

■ 1.2356, 1.3184,
2.7175

236.8899,

■ 0.1342, 0.1554,

249.8444, 307.1274

0.9522

285.0102,
300.5523, 366.8434

■ 0.0000, 0.0000,
0.0000

■ 40.4799, 42.7773,
57.7531

■ 40.4799, 42.7773,
57.7531

■ 34.6172, 36.5287,
56.8567

■ 47.1544, 49.7340,
58.7448

■ 29.5296, 30.9588,
56.0497

■ 54.6678, 57.4164,
59.8316

■ 25.1830, 26.0438,
55.3301

■ 63.0508, 65.8480,
61.0173

■ 21.5392, 21.7561,
54.6946

■ 72.3309, 75.0494,
62.3042

■ 18.5563, 18.0662,
54.1396

■ 80.4814, 83.9821,
63.5988

■ 16.1874, 14.9413,
53.6613

■ 83.8837, 90.7867,
64.7329

■ 14.3785, 12.3447,
53.2554

■ 86.8505, 96.7202,
65.7218

■ 13.0612, 10.2315,
52.9169

■ 12.6632, 9.5657,
52.8094

Harmonies

Analogous

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



38.7221, 42.7773, 55.8724



40.4799, 42.7773, 57.7531



42.3393, 42.7773, 56.4528

Triad

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



40.4799, 42.7773, 57.7531



43.9746, 42.7773, 41.9880



37.6833, 42.7773, 41.1653

Complementary

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



40.4799, 42.7773, 57.7531



45.8448, 47.7023, 41.4424

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.



39.0228, 42.7773, 37.9262



40.4799, 42.7773, 57.7531



42.6585, 42.7773, 38.3747

Square

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



40.4799, 42.7773, 57.7531



44.3935, 42.7773, 47.0915



40.8377, 42.7773, 36.9449



37.1391, 42.7773, 46.0667

Rectangle

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



40.4799, 42.7773, 57.7531



43.3799, 42.7773, 54.0085



40.8377, 42.7773, 36.9449



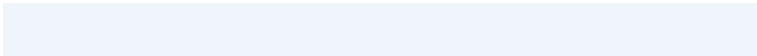
38.0535, 42.7773, 39.8609

Sweetspot

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



40.4812, 42.7791, 57.7541



86.1579, 90.8303, 105.4608



43.0293, 50.1812, 51.4944



18.6662, 19.6833, 23.0654



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.



40.4812, 42.7791, 57.7541



68.2360, 72.1031, 102.7906



38.6045, 38.2065, 56.9704



9.8568, 10.4049, 12.7737



8.3083, 6.3731, 34.3489



0.4266, 0.4106, 1.5067

Inverse Universe

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



43.4404, 40.9321, 46.6874



74.6678, 68.3013, 78.6895



47.9495, 52.9254, 42.3396



10.2390, 10.1442, 11.3492



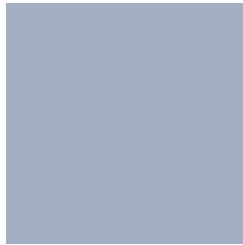
15.5896, 7.9256, 5.7510



0.7077, 0.3561, 0.4283

Previews

White Background



This preview shows how the XYZ color 40.4799, 42.7773, 57.7531 looks on a white background.

Color Contrast Check

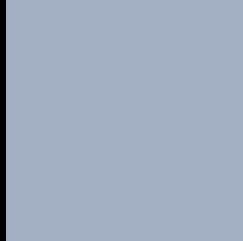
Large Text (above 18pt) WCAG AA × Fail

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 40.4799, 42.7773, 57.7531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

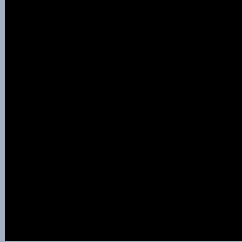
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4799, 42.7773, 57.7531

Background



This preview shows how black text looks on a background with the XYZ color 40.4799, 42.7773, 57.7531.



This preview shows how white text looks on a background with the XYZ color 40.4799, 42.7773,

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

40.4799, 42.7773, 57.7531

Protanopia

41.5825, 42.5081, 56.4653

Deuteranopia

43.6299, 42.6801, 58.1631



Tritanopia

40.0264, 42.8873, 55.4587

Trichromacy



Original Color

40.4799, 42.7773, 57.7531

Protanomaly

41.2358, 42.6022, 57.0886

Deuteranomaly

42.3955, 42.6045, 58.2136

Tritanomaly

40.1369, 42.9314, 56.0403

Monochromacy



Original Color

40.4799, 42.7773, 57.7531

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.3510, 42.5834, 50.3487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4799, 42.7773, 57.7531 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(163, 176, 195)` looks like.

```
.text, #text, p{  
    color:rgb(163, 176, 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(163, 176, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 176, 195) }
```

Border

The CSS property to change the border of an element to XYZ 40.4799, 42.7773, 57.7531 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(163, 176, 195) }
```


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

```
.border{ border-color:rgb(163, 176, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 176, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 176, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 176, 195);  
box-shadow:4px 4px 4px 4px rgb(163, 176,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4799, 42.7773, 57.7531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 176, 195) }
```

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

```
.background{ background-color: rgb(163,  
176, 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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