

Converting Colors

XYZ(40.7021, 40.6994, 47.1264)

Have a look what the booklet for
XYZ(40.7021, 40.6994, 47.1264)
contains.

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Color

**XYZ(40.5769, 40.5151,
47.2765)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A7B1
RGB	180, 167, 177
RGB Percent	71%, 65%, 69%
CMY	0.2941, 0.3451, 0.3059
CMYK	0.00, 0.07, 0.02, 0.29
HSL	314°, 8%, 68%
HSV	314°, 7%, 71%
XYZ	40.5769, 40.5151, 47.2765
YIQ	172.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

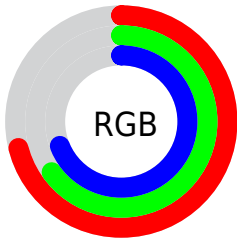
Format	Color
RYB	180, 167, 177
Decimal	11839409
CIELab	69.83, 6.51, -3.46
CIElCh	70, 7.370, 332.041
Yxy	40.5151, 0.3161, 0.3156
Android (android.graphics.Color)	4290029489 (0xFFB4A7B1)
YUV	172.0270, 2.4517, 6.9923
Hunter-Lab	63.6515, 2.4011, 0.5190

Details

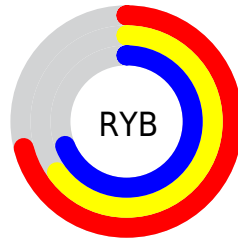
The XYZ color **40.5769, 40.5151, 47.2765** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.5149, 43.7613, 44.3965**, and the grayscale version is **39.2137, 41.2559, 44.9277**.

A 20% lighter version of the original color is **75.4213, 75.9586, 87.7771**, and **18.5212, 18.2287, 21.6111** is the 20% darker color. If you saturate the color by 10%, you get **37.0987, 34.2109, 44.1053**, and if you desaturate by 10%, it is **44.5290, 47.7458, 50.6689**.

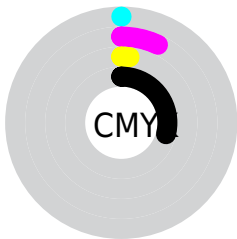
Distribution



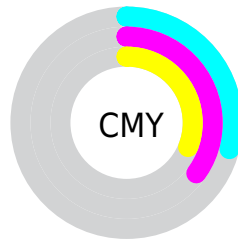
- Red (71%)
- Green (65%)
- Blue (69%)



- Red (71%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (29%)





- Cyan (29%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5769, 40.5151, 47.2765 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 40.5769, 40.5151, 47.2765 by changing the saturation by 10% instead.


 40.5769, 40.5151,
47.2765


 40.5769, 40.5151,
47.2765


339.6420,
348.2899, 392.3428

 28.1748, 27.9404,
32.8984


 75.3200, 75.9473,
87.4805

 18.5986, 18.2807,
21.7781


 98.3917, 99.5735,
114.1435

 11.4829, 11.1517,
13.4972


125.7507,
127.6523, 145.7385

 6.4623, 6.1690,
7.6371

157.7623,
160.5682, 182.6840

 3.1715, 2.9481,
3.7792

194.7919,
198.7055, 225.3987

 1.2451, 1.1047,
1.5050

237.2048,

 0.1415, 0.0000,

242.4486, 274.3010

0.2216

285.3664,
292.1820, 329.8095

■ 0.0000, 0.0000,
0.0000

■ 40.5769, 40.5151,
47.2765

■ 40.5769, 40.5151,
47.2765

■ 37.0987, 34.2109,
44.1053

■ 44.5290, 47.7458,
50.6689

■ 34.0720, 28.7902,
41.1457

■ 48.9694, 55.9334,
54.2863

■ 31.4776, 24.2144,
38.3914

■ 53.9162, 65.1132,
58.1359

■ 29.2938, 20.4400,
35.8345

■ 59.3855, 75.3173,
62.2234

■ 27.4968, 17.4197,
33.4665

■ 64.7497, 85.2903,
66.3401

■ 26.0602, 15.1011,
31.2781

■ 65.2350, 85.4844,
68.8955

■ 24.9544, 13.4251,
29.2588

■ 65.7335, 85.6838,
71.5206

■ 24.1450, 12.3227,
27.3965

■ 66.2453, 85.8885,
74.2159

■ 23.5817, 11.6939,
25.6739

■ 66.7706, 86.0986,
76.9822

Harmonies

Analogous

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



39.7421, 40.5151, 49.9395



40.5769, 40.5151, 47.2765



40.8541, 40.5151, 43.8797

Triad

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



40.5769, 40.5151, 47.2765



38.4265, 40.5151, 37.8503



36.5906, 40.5151, 47.7035

Complementary

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



40.5769, 40.5151, 47.2765



39.5149, 43.7613, 44.3965

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.



36.2542, 40.5151, 44.3492



40.5769, 40.5151, 47.2765



37.3004, 40.5151, 38.7602

Square

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



40.5769, 40.5151, 47.2765



39.5973, 40.5151, 38.5453



36.5114, 40.5151, 41.0959



37.4396, 40.5151, 50.1949

Rectangle

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



40.5769, 40.5151, 47.2765



40.6810, 40.5151, 41.6869



36.5114, 40.5151, 41.0959



36.4146, 40.5151, 46.6337

Sweetspot

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



40.5781, 40.5169, 47.2774



77.1822, 80.0494, 88.8617



38.5966, 39.4604, 48.7629



16.6987, 17.3324, 19.2206



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.5781, 40.5169, 47.2774



72.2902, 71.1253, 84.5801



39.9630, 40.2708, 44.0385



8.7644, 8.6125, 10.2580



16.3882, 8.0728, 17.7358



0.5362, 0.2622, 0.6663

Inverse Universe

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



40.5781, 40.5169, 47.2774



72.2902, 71.1253, 84.5801



40.1268, 44.0061, 47.6189



8.7644, 8.6125, 10.2580



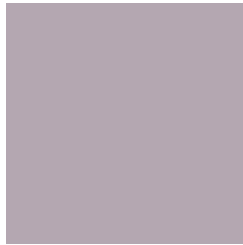
16.3882, 8.0728, 17.7358



0.5362, 0.2622, 0.6663

Previews

White Background



This preview shows how the XYZ color 40.5769, 40.5151, 47.2765 looks on a white background.

Color Contrast Check

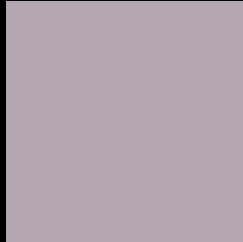
Large Text (above 18pt) WCAG AA × Fail

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 40.5769, 40.5151, 47.2765 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 40.5769, 40.5151, 47.2765

Background



This preview shows how black text looks on a background with the XYZ color 40.5769, 40.5151, 47.2765.



This preview shows how white text looks on a background with the XYZ color 40.5769, 40.5151,

47.2765.

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

40.5769, 40.5151, 47.2765

Protanopia

39.3060, 40.6621, 48.4247

Deuteranopia

41.3392, 40.6371, 47.2599



Tritanopia

40.8793, 40.6360, 48.8690

Trichromacy



Original Color

40.5769, 40.5151, 47.2765

Protanomaly

39.6794, 40.5890, 47.8626

Deuteranomaly

41.1005, 40.5140, 47.2487

Tritanomaly

40.7778, 40.5954, 48.3343

Monochromacy



Original Color

40.5769, 40.5151, 47.2765

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.6939, 40.9194, 45.8505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5769, 40.5151, 47.2765 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(180, 167, 177)` looks like.

```
.text, #text, p{  
    color:rgb(180, 167, 177)  
}
```

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(180, 167, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 167, 177) }
```

Border

The CSS property to change the border of an element to XYZ 40.5769, 40.5151, 47.2765 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(180, 167, 177) }
```


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

```
.border{ border-color:rgb(180, 167, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 167, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 167, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 167, 177);  
box-shadow:4px 4px 4px 4px rgb(180, 167,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5769, 40.5151, 47.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 167, 177) }
```

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

```
.background{ background-color: rgb(180,  
167, 177) }
```

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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