

Converting Colors

XYZ(40.4904, 39.4304, 57.5799)

Have a look what the booklet for
XYZ(40.4904, 39.4304, 57.5799)
contains.

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Color

**XYZ(40.4728, 39.4207,
57.7004)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA4C4
RGB	173, 164, 196
RGB Percent	68%, 64%, 77%
CMY	0.3216, 0.3568, 0.2314
CMYK	0.12, 0.16, 0.00, 0.23
HSL	257°, 21%, 71%
HSV	257°, 16%, 77%
XYZ	40.4728, 39.4207, 57.7004
YIQ	170.3390, -4.9080, 11.8600

Conversions

Conversions Part 2

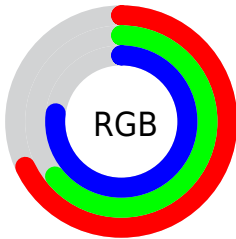
Format	Color
RYB	173, 164, 196
Decimal	11379908
CIELab	69.05, 9.55, -15.20
CIELCh	69, 17.950, 302.138
Yxy	39.4207, 0.2941, 0.2865
Android (android.graphics.Color)	4289569988 (0xFFADA4C4)
YUV	170.3390, 12.6509, 2.3337
Hunter-Lab	62.7859, 5.1886, -10.5375

Details

The XYZ color **40.4728, 39.4207, 57.7004** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.9358, 52.7261, 42.8273**, and the grayscale version is **38.3192, 40.3148, 43.9028**.

A 20% lighter version of the original color is **75.3742, 74.4129, 103.3190**, and **18.4224, 17.5344, 28.0047** is the 20% darker color. If you saturate the color by 10%, you get **34.2792, 31.4167, 56.4825**, and if you desaturate by 10%, it is **47.5379, 48.6785, 59.1156**.

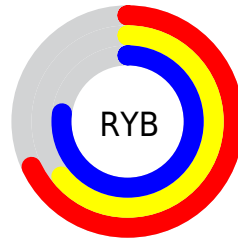
Distribution



Red (68%)

Green (64%)

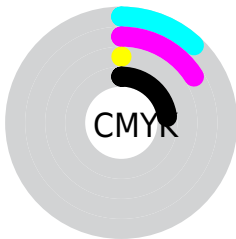
Blue (77%)



Red (68%)

Yellow (64%)

Blue (77%)

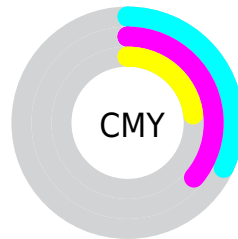


Cyan (12%)

Magenta (16%)

Yellow (0%)

Black (23%)



Cyan (32%)

Magenta (36%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4728, 39.4207, 57.7004 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 40.4728, 39.4207, 57.7004 by changing the saturation by 10% instead.

■ 40.4728, 39.4207,
57.7004

■ 40.4728, 39.4207,
57.7004

339.2127,
343.6758, 433.6357

■ 28.0932, 27.0872,
41.1547

■ 75.1627, 74.2806,
102.9969

■ 18.5368, 17.6387,
28.1194

■ 98.2038, 97.5757,
132.5848

■ 11.4380, 10.6909,
18.1759

125.5293,
125.2934, 167.3572

■ 6.4317, 5.8594,
10.9056

157.5048,
157.8183, 207.7327

■ 3.1525, 2.7598,
5.8900

194.4955,
195.5345, 254.1297

■ 1.2349, 1.0076,
2.7106

236.8668,

■ 0.1337, 0.0000,

238.8266, 306.9669

0.9488

284.9841,
288.0789, 366.6627

■ 0.0000, 0.0000,
0.0000

■ 40.4728, 39.4207,
57.7004

■ 40.4728, 39.4207,
57.7004

■ 34.2792, 31.4167,
56.4825

■ 47.5379, 48.6785,
59.1156

■ 28.9188, 24.6069,
55.4506

■ 55.5037, 59.2363,
60.7336

■ 24.3554, 18.9345,
54.5963

■ 64.4024, 71.1441,
62.5630

■ 20.5489, 14.3355,
53.9092

■ 74.2635, 84.4476,
64.6111

■ 17.4553, 10.7399,
53.3782

■ 82.8399, 94.6395,
66.1263

■ 15.0258, 8.0689,
52.9907

■ 86.9639, 96.7656,
66.3193

■ 13.2048, 6.2314,
52.7320

■ 11.9233, 5.1117,
52.5834

■ 11.5457, 4.8010,
52.5434

Harmonies

Analogous

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



37.6739, 39.4207, 60.6787



40.4728, 39.4207, 57.7004



42.5475, 39.4207, 50.7182

Triad

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



40.4728, 39.4207, 57.7004



40.0996, 39.4207, 30.4413



32.2331, 39.4207, 43.5131

Complementary

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



40.4728, 39.4207, 57.7004



46.9358, 52.7261, 42.8273

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.



32.8102, 39.4207, 35.9695



40.4728, 39.4207, 57.7004



37.2633, 39.4207, 29.0196

Square

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



40.4728, 39.4207, 57.7004



42.3244, 39.4207, 35.0719



34.6161, 39.4207, 30.9113



32.9984, 39.4207, 51.8649

Rectangle

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



40.4728, 39.4207, 57.7004



43.1888, 39.4207, 45.1148



34.6161, 39.4207, 30.9113



32.2765, 39.4207, 40.8022

Sweetspot

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



40.4740, 39.4224, 57.7013



87.8248, 90.4362, 107.4348



43.1445, 47.6183, 59.1425



18.5881, 19.0799, 22.9530



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.



40.4740, 39.4224, 57.7013



68.6583, 65.3637, 103.6055



44.1112, 41.2974, 57.8715



9.7883, 9.8820, 12.6764



7.4920, 3.1227, 33.7645



0.3933, 0.1708, 1.4621

Inverse Universe

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



45.0115, 41.8763, 52.7264



78.6592, 70.7763, 92.4679



43.3386, 50.8716, 42.6589



10.3726, 10.1976, 12.0526



17.7495, 8.7896, 17.1249



0.7951, 0.3911, 0.8884

Previews

White Background



This preview shows how the XYZ color 40.4728, 39.4207, 57.7004 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 40.4728, 39.4207, 57.7004 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 40.4728, 39.4207, 57.7004

Background



This preview shows how black text looks on a background with the XYZ color 40.4728, 39.4207, 57.7004.



This preview shows how white text looks on a background with the XYZ color 40.4728, 39.4207,

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

40.4728, 39.4207, 57.7004

Protanopia

38.9121, 39.3960, 58.9794

Deuteranopia

40.2525, 39.3071, 57.6900



Tritanopia

38.6345, 39.4788, 48.7639

Trichromacy



Original Color

40.4728, 39.4207, 57.7004

Protanomaly

39.4401, 39.4106, 58.3516

Deuteranomaly

40.2525, 39.3071, 57.6900

Tritanomaly

39.2937, 39.4755, 52.0029

Monochromacy



Original Color

40.4728, 39.4207, 57.7004

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.9339, 39.9179, 48.3007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4728, 39.4207, 57.7004 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(173, 164, 196)` looks like.

```
.text, #text, p{  
    color:rgb(173, 164, 196)  
}
```

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(173, 164, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 164, 196) }
```

Border

The CSS property to change the border of an element to XYZ 40.4728, 39.4207, 57.7004 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(173, 164, 196) }
```


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

```
.border{ border-color:rgb(173, 164, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 164, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 164, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 164, 196);  
box-shadow:4px 4px 4px 4px rgb(173, 164,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4728, 39.4207, 57.7004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 164, 196) }
```

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

```
.background{ background-color: rgb(173,  
164, 196) }
```

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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