

Converting Colors

XYZ(39.1747, 32.9960, 61.2949)

Have a look what the booklet for
XYZ(39.1747, 32.9960, 61.2949)
contains.

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Color

**XYZ(39.2464, 33.1127,
61.4496)**

Conversions

Conversions Part 1

Format	Color
Hex	B48DCC
RGB	180, 141, 204
RGB Percent	71%, 55%, 80%
CMY	0.2941, 0.4470, 0.2000
CMYK	0.12, 0.31, 0.00, 0.20
HSL	277°, 38%, 68%
HSV	277°, 31%, 80%
XYZ	39.2464, 33.1127, 61.4496
YIQ	159.8430, 3.0210, 27.8610

Conversions

Conversions Part 2

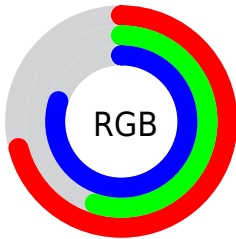
Format	Color
R_{YB}	180, 141, 204
Decimal	11832780
CIE _{Lab}	64.25, 26.41, -26.91
CIE _{LCh}	64, 37.708, 314.462
Yxy	33.1127, 0.2933, 0.2475
Android (android.graphics.Color)	4290022860 (0xFFB48DCC)
YUV	159.8430, 21.7694, 17.6777
Hunter-Lab	57.5436, 21.0407, -23.0340

Details

The XYZ color **39.2464, 33.1127, 61.4496** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.9186, 53.1089, 33.2425**, and the grayscale version is **33.2443, 34.9756, 38.0884**.

A 20% lighter version of the original color is **72.1572, 64.0831, 103.1739**, and **17.7654, 13.9500, 30.6104** is the 20% darker color. If you saturate the color by 10%, you get **34.7524, 26.7351, 60.4560**, and if you desaturate by 10%, it is **44.3980, 40.6534, 62.6341**.

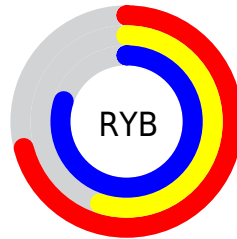
Distribution



Red (71%)

Green (55%)

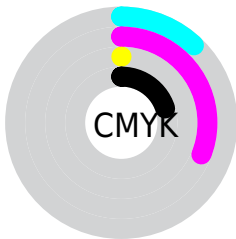
Blue (80%)



Red (71%)

Yellow (55%)

Blue (80%)

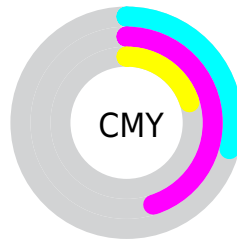


Cyan (12%)

Magenta (31%)

Yellow (0%)

Black (20%)



Cyan (29%)

Magenta (45%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2464, 33.1127, 61.4496 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 39.2464, 33.1127, 61.4496 by changing the saturation by 10% instead.

39.2464, 33.1127,
61.4496

39.2464, 33.1127,
61.4496

334.1261,
316.1573, 447.8727

27.1331, 22.2128,
44.1552

73.3062, 64.5514,
108.4935

17.8103, 14.0133,
30.4544

95.9835, 85.8591,
139.0801

10.9127, 8.1299,
19.9288

122.9127,
111.4047, 174.9345

6.0750, 4.1782,
12.1597

154.4592,
141.5728, 216.4753

2.9319, 1.7737,
6.7287

190.9885,
176.7477, 264.1209

1.1178, 0.4707,
3.2172

232.8658,

0.0400, 0.0000,

217.3138, 318.2900

1.2066

280.4566,
263.6555, 379.4011

■ 0.0000, 0.0000,
0.0000

■ 39.2464, 33.1127,
61.4496

■ 39.2464, 33.1127,
61.4496

■ 34.7524, 26.7351,
60.4560

■ 44.3980, 40.6534,
62.6341

■ 30.8807, 21.4546,
59.6408

■ 50.2337, 49.4101,
64.0167

■ 27.5973, 17.2050,
58.9936

■ 56.7825, 59.4375,
65.6071

■ 24.8631, 13.9109,
58.5019

■ 64.0703, 70.7856,
67.4134

■ 22.6340, 11.4864,
58.1514

■ 72.1221, 83.5016,
69.4434

■ 20.8574, 9.8291,
57.9251

■ 78.2213, 92.1506,
70.7914

■ 19.5457, 8.8171,
57.7989

■ 80.7230, 93.4402,
70.9084

■ 83.3367, 94.7876,
71.0308

■ 86.0637, 96.1935,
71.1584

Harmonies

Analogous

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



34.1137, 33.1127, 72.7919



39.2464, 33.1127, 61.4496



42.4670, 33.1127, 44.5407

Triad

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



39.2464, 33.1127, 61.4496



34.3110, 33.1127, 14.4585



22.5212, 33.1127, 43.9282

Complementary

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



39.2464, 33.1127, 61.4496



41.9186, 53.1089, 33.2425

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.



22.5613, 33.1127, 28.7204



39.2464, 33.1127, 61.4496



28.9715, 33.1127, 14.3808

Square

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



39.2464, 33.1127, 61.4496



39.4049, 33.1127, 19.0977



24.7998, 33.1127, 18.8427



24.6834, 33.1127, 60.8930

Rectangle

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



39.2464, 33.1127, 61.4496



42.8896, 33.1127, 33.8090



24.7998, 33.1127, 18.8427



22.2861, 33.1127, 38.3964

Sweetspot

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



39.2475, 33.1141, 61.4503



85.0170, 84.6008, 106.4564



35.3670, 36.9881, 62.4026



17.8700, 17.6110, 22.7074



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.



39.2475, 33.1141, 61.4503



59.9645, 47.6565, 100.6459



44.4656, 35.9036, 57.2005



11.2575, 11.1820, 14.1354



12.4086, 5.6044, 36.3840



0.7230, 0.3318, 1.8809

Inverse Universe

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



41.2193, 34.6051, 40.1055



63.9552, 50.6401, 58.9827



37.9515, 50.9985, 36.0073



11.3862, 11.2832, 12.5684



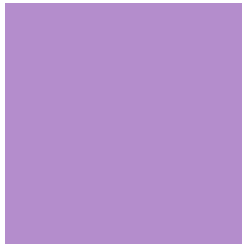
16.5747, 8.4405, 5.4791



0.8918, 0.4501, 0.4760

Previews

White Background



This preview shows how the XYZ color 39.2464, 33.1127, 61.4496 looks on a white background.

Color Contrast Check

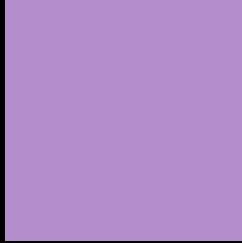
Large Text (above 18pt) WCAG AA × Fail

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 39.2464, 33.1127, 61.4496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

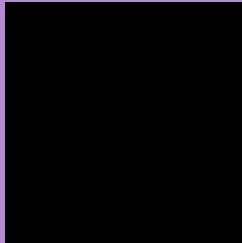
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2464, 33.1127, 61.4496

Background



This preview shows how black text looks on a background with the XYZ color 39.2464, 33.1127, 61.4496.



This preview shows how white text looks on a background with the XYZ color 39.2464, 33.1127,

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

39.2464, 33.1127, 61.4496

Protanopia

34.1744, 33.3695, 68.2581

Deuteranopia

34.0845, 33.2498, 60.4985



Tritanopia

34.4140, 32.9523, 38.2648

Trichromacy



Original Color

39.2464, 33.1127, 61.4496

Protanomaly

35.5172, 32.9203, 65.4551

Deuteranomaly

35.8250, 33.1776, 61.0157

Tritanomaly

36.1192, 32.9622, 46.0536

Monochromacy



Original Color

39.2464, 33.1127, 61.4496

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.1641, 34.1325, 45.8092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2464, 33.1127, 61.4496 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, 141, 204)` looks like.

```
.text, #text, p{  
    color:rgb(180, 141, 204)  
}
```

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, 141, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 141, 204) }
```

Border

The CSS property to change the border of an element to XYZ 39.2464, 33.1127, 61.4496 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, 141, 204) }
```


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

```
.border{ border-color:rgb(180, 141, 204) }
```

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

Here you see how a box with a 4 pixel rgb(180, 141, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 141, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 141, 204);  
box-shadow:4px 4px 4px 4px rgb(180, 141,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2464, 33.1127, 61.4496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 141, 204) }
```

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

```
.background{ background-color: rgb(180,  
141, 204) }
```

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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