

Converting Colors

XYZ(38.1764, 32.1985, 61.4169)

Have a look what the booklet for
XYZ(38.1764, 32.1985, 61.4169)
contains.

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Color

**XYZ(38.0362, 32.0550,
61.3092)**

Conversions

Conversions Part 1

Format	Color
Hex	B08BCC
RGB	176, 139, 204
RGB Percent	69%, 55%, 80%
CMY	0.3098, 0.4549, 0.2000
CMYK	0.14, 0.32, 0.00, 0.20
HSL	274°, 39%, 67%
HSV	274°, 32%, 80%
XYZ	38.0362, 32.0550, 61.3092
YIQ	157.4730, 1.1870, 28.0590

Conversions

Conversions Part 2

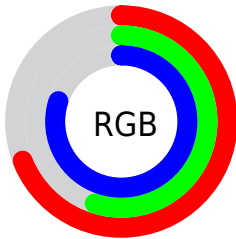
Format	Color
R _Y B	176, 139, 204
Decimal	11570124
CIE Lab	63.39, 26.27, -28.28
CIE LCh	63, 38.595, 312.892
Yxy	32.0550, 0.2895, 0.2439
Android (android.graphics.Color)	4289760204 (0xFFB08BCC)
YUV	157.4730, 22.9378, 16.2482
Hunter-Lab	56.6171, 20.8389, -24.5716

Details

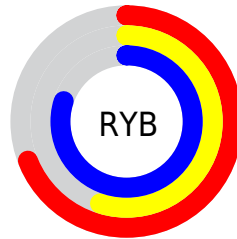
The XYZ color **38.0362, 32.0550, 61.3092** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.1904, 53.2660, 32.4853**, and the grayscale version is **32.1613, 33.8361, 36.8476**.

A 20% lighter version of the original color is **70.3987, 62.5157, 102.9641**, and **17.1631, 13.3924, 30.5346** is the 20% darker color. If you saturate the color by 10%, you get **33.4306, 25.6980, 60.3254**, and if you desaturate by 10%, it is **43.3238, 39.5832, 62.4841**.

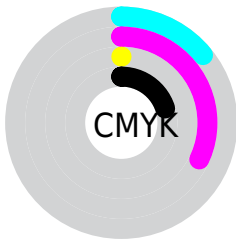
Distribution



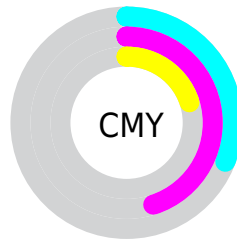
- Red (69%)
- Green (55%)
- Blue (80%)



- Red (69%)
- Yellow (55%)
- Blue (80%)



- Cyan (14%)
- Magenta (32%)
- Yellow (0%)
- Black (20%)





- Cyan (31%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0362, 32.0550, 61.3092 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 38.0362, 32.0550, 61.3092 by changing the saturation by 10% instead.


 38.0362, 32.0550,
61.3092


 38.0362, 32.0550,
61.3092

329.0534,
311.3697, 447.3447


 26.1881, 21.4035,
44.0426


 71.4672, 62.8973,
108.2884

 17.0979, 13.4193,
30.3665


 93.7808, 83.8569,
138.8380

 10.4000, 7.7179,
19.8626


 120.3136,
109.0213, 174.6524

 5.7293, 3.9150,
12.1121

151.4310,
138.7750, 216.1501

 2.7203, 1.6261,
6.6966

187.4983,
173.5023, 263.7497

 1.0076, 0.3751,
3.1975

228.8809,

 0.0000, 0.0000,

213.5875, 317.8696

1.1964

275.9442,
259.4152, 378.9284

■ 0.0000, 0.0000,
0.0000

■ 38.0362, 32.0550,
61.3092

■ 38.0362, 32.0550,
61.3092

■ 33.4306, 25.6980,
60.3254

■ 43.3238, 39.5832,
62.4841

■ 29.4705, 20.4456,
59.5203

■ 49.3207, 48.3366,
63.8576

■ 26.1209, 16.2304,
58.8833


■ 56.0568, 58.3704,
65.4393


■ 23.3415, 12.9756,
58.4015


■ 63.5590, 69.7352,
67.2375


■ 21.0864, 10.5936,
58.0606


■ 71.8530, 82.4791,
69.2602


 19.3013, 8.9797,
57.8432

 78.8857, 92.4931,
70.8224

 18.1180, 8.0811,
57.7321

 81.7569, 93.9732,
70.9568

 84.7720, 95.5275,
71.0979

 87.8992, 97.1397,
71.2443

Harmonies

Analogous

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



32.8257, 32.0550, 72.3177



38.0362, 32.0550, 61.3092



41.4204, 32.0550, 44.3281

Triad

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



38.0362, 32.0550, 61.3092



33.6017, 32.0550, 13.6060



21.4825, 32.0550, 41.9128

Complementary

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



38.0362, 32.0550, 61.3092



42.1904, 53.2660, 32.4853

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.



21.6384, 32.0550, 26.9177



38.0362, 32.0550, 61.3092



28.2246, 32.0550, 13.3082

Square

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



38.0362, 32.0550, 61.3092



38.6614, 32.0550, 18.4175



23.9757, 32.0550, 17.4326



23.5215, 32.0550, 59.1002

Rectangle

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



38.0362, 32.0550, 61.3092



41.9665, 32.0550, 33.4340



23.9757, 32.0550, 17.4326



21.2877, 32.0550, 36.4133

Sweetspot

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



38.0373, 32.0563, 61.3099



83.5214, 82.7716, 106.1822



35.3970, 37.5484, 62.5091



17.5521, 17.2363, 22.6518



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.



38.0373, 32.0563, 61.3099



57.8095, 45.8926, 100.4190



44.5217, 35.4584, 58.9377



11.2027, 11.1538, 14.1328



11.5120, 5.1422, 36.3421



0.6798, 0.3096, 1.8789

Inverse Universe

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



41.1105, 34.0939, 40.9745



63.8908, 49.9106, 60.8130



37.2246, 50.6688, 33.9387



11.4096, 11.2926, 12.6915



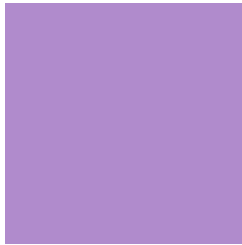
16.8238, 8.5401, 6.7905



0.9057, 0.4557, 0.5493

Previews

White Background



This preview shows how the XYZ color 38.0362, 32.0550, 61.3092 looks on a white background.

Color Contrast Check

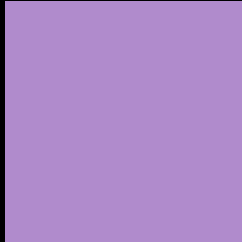
Large Text (above 18pt) WCAG AA × Fail

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 38.0362, 32.0550, 61.3092 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 38.0362, 32.0550, 61.3092

Background



This preview shows how black text looks on a background with the XYZ color 38.0362, 32.0550, 61.3092.



This preview shows how white text looks on a background with the XYZ color 38.0362, 32.0550,

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

38.0362, 32.0550, 61.3092

Protanopia

33.3575, 32.4624, 68.1261

Deuteranopia

33.0550, 32.2371, 60.3573



Tritanopia

33.2101, 32.1180, 37.2499

Trichromacy



Original Color

38.0362, 32.0550, 61.3092

Protanomaly

34.6443, 32.0046, 65.3243

Deuteranomaly

34.7308, 32.1478, 60.8745

Tritanomaly

34.8765, 32.1166, 44.9184

Monochromacy



Original Color

38.0362, 32.0550, 61.3092

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.8562, 32.7612, 44.5835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0362, 32.0550, 61.3092 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(176, 139, 204)` looks like.

```
.text, #text, p{  
    color:rgb(176, 139, 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(176, 139, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 139, 204) }
```

Border

The CSS property to change the border of an element to XYZ 38.0362, 32.0550, 61.3092 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(176, 139, 204) }
```


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

```
.border{ border-color:rgb(176, 139, 204) }
```

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

Here you see how a box with a 4 pixel rgb(176, 139, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 139, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 139, 204);  
box-shadow:4px 4px 4px 4px rgb(176, 139,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0362, 32.0550, 61.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 139, 204) }
```

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

```
.background{ background-color: rgb(176,  
139, 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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