

Converting Colors

XYZ(32.5870, 27.3824, 37.3193)

Have a look what the booklet for
XYZ(32.5870, 27.3824, 37.3193)
contains.

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Color

**XYZ(32.6128, 27.3357,
37.2756)**

Conversions

Conversions Part 1

Format	Color
Hex	B37FA1
RGB	179, 127, 161
RGB Percent	70%, 50%, 63%
CMY	0.2980, 0.5019, 0.3686
CMYK	0.00, 0.29, 0.10, 0.30
HSL	321°, 25%, 60%
HSV	321°, 29%, 70%
XYZ	32.6128, 27.3357, 37.2756
YIQ	146.4240, 20.0780, 21.5980

Conversions

Conversions Part 2

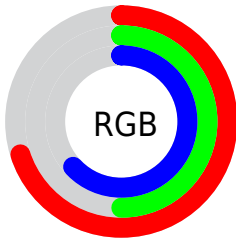
Format	Color
R_{YB}	179, 127, 161
Decimal	11763617
CIE _{Lab}	59.28, 25.54, -10.11
CIE _{LCh}	59, 27.471, 338.404
Yxy	27.3357, 0.3354, 0.2812
Android (android.graphics.Color)	4289953697 (0xFFB37FA1)
YUV	146.4240, 7.1860, 28.5692
Hunter-Lab	52.2836, 19.8463, -5.6724

Details

The XYZ color **32.6128, 27.3357, 37.2756** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.9845, 38.7973, 32.6982**, and the grayscale version is **27.4620, 28.8922, 31.4636**.

A 20% lighter version of the original color is **62.9769, 55.2626, 72.3132**, and **13.8716, 10.7719, 15.8161** is the 20% darker color. If you saturate the color by 10%, you get **29.9703, 22.9033, 33.7653**, and if you desaturate by 10%, it is **35.6947, 32.6028, 41.0666**.

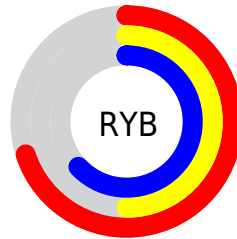
Distribution



Red (70%)

Green (50%)

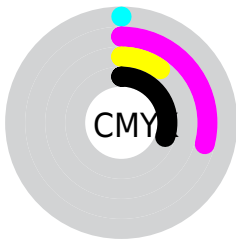
Blue (63%)



Red (70%)

Yellow (50%)

Blue (63%)

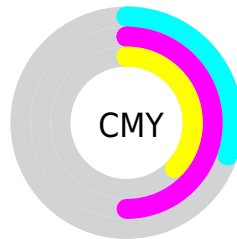


Cyan (0%)

Magenta (29%)

Yellow (10%)

Black (30%)



Cyan (30%)

Magenta (50%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6128, 27.3357, 37.2756 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 32.6128, 27.3357, 37.2756 by changing the saturation by 10% instead.


 32.6128, 27.3357,
37.2756


 32.6128, 27.3357,
37.2756

305.5973,
289.2789, 349.7067

 21.9878, 17.8255,
25.1235


 63.1293, 55.4221,
72.1875

 13.9645, 10.8248,
15.9492


 83.7515, 74.7671,
95.7844

 8.1775, 5.9491,
9.3343


 108.4368, 98.1591,
124.0333

 4.2615, 2.8142,
4.8601

137.5505,
125.9826, 157.3527

 1.8511, 1.0355,
2.1081

171.4581,
158.6219, 196.1612

 0.5482, 0.0000,
0.6206

210.5248,

 0.0000, 0.0000,

196.4615, 240.8774

0.0000

255.1161,
239.8857, 291.9197

■ 32.6128, 27.3357,
37.2756

■ 32.6128, 27.3357,
37.2756

■ 29.9703, 22.9033,
33.7653

■ 35.6947, 32.6028,
41.0666

■ 27.7427, 19.2584,
30.5248

■ 39.2341, 38.7413,
45.1453

■ 25.9066, 16.3543,
27.5445

■ 43.2510, 45.7902,
49.5205

■ 24.4352, 14.1384,
24.8135

■ 47.7635, 53.7851,
54.2000

■ 23.2984, 12.5507,
22.3198

■ 52.7886, 62.7597,
59.1914

■ 22.4606, 11.5210,
20.0494

■ 58.3427, 72.7458,
64.5017

■ 21.8568, 10.9199,
17.9785

■ 64.4412, 83.7741,
70.1378

■ 21.8035, 10.8690,
17.7890

■ 66.0551, 85.7856,
74.4251

■ 66.8451, 86.1016,
78.5854

Harmonies

Analogous

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



30.3002, 27.3357, 47.1655



32.6128, 27.3357, 37.2756



33.0715, 27.3357, 27.0866

Triad

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



32.6128, 27.3357, 37.2756



25.0293, 27.3357, 14.7098



21.1462, 27.3357, 43.1144

Complementary

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



32.6128, 27.3357, 37.2756



29.9845, 38.7973, 32.6982

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.



19.9854, 27.3357, 32.6121



32.6128, 27.3357, 37.2756



22.0945, 27.3357, 17.2748

Square

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



32.6128, 27.3357, 37.2756



28.4870, 27.3357, 15.4235



20.3166, 27.3357, 23.3360



23.6279, 27.3357, 51.0199

Rectangle

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



32.6128, 27.3357, 37.2756



32.2290, 27.3357, 21.6492



20.3166, 27.3357, 23.3360



20.5990, 27.3357, 39.6887

Sweetspot

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



32.6136, 27.3369, 37.2762



70.1964, 69.2614, 80.7747



27.2872, 24.3943, 45.9186



15.3381, 14.9720, 17.6551



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.



32.6136, 27.3369, 37.2762



55.2258, 43.6000, 62.5903



30.6011, 26.5319, 26.6783



8.7226, 8.5957, 10.0374



15.4388, 7.6931, 12.7366



0.5120, 0.2525, 0.5387

Inverse Universe

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



32.6136, 27.3369, 37.2762



55.2258, 43.6000, 62.5903



32.1607, 39.6678, 44.1580



8.7226, 8.5957, 10.0374



15.4388, 7.6931, 12.7366



0.5120, 0.2525, 0.5387

Previews

White Background



This preview shows how the XYZ color 32.6128, 27.3357, 37.2756 looks on a white background.

Color Contrast Check

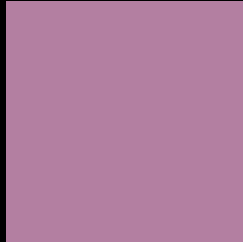
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.6128, 27.3357, 37.2756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

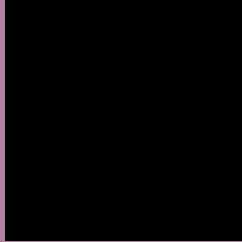
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.6128, 27.3357, 37.2756

Background



This preview shows how black text looks on a background with the XYZ color 32.6128, 27.3357, 37.2756.



This preview shows how white text looks on a background with the XYZ color 32.6128, 27.3357,

37.2756.

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

32.6128, 27.3357, 37.2756

Protanopia

27.3402, 27.6046, 42.4153

Deuteranopia

28.0683, 27.4525, 36.6204



Tritanopia

30.8285, 27.3858, 28.8604

Trichromacy



Original Color

32.6128, 27.3357, 37.2756

Protanomaly

28.8696, 27.3567, 40.3180

Deuteranomaly

29.7071, 27.4431, 36.9890

Tritanomaly

31.4594, 27.4505, 31.6574

Monochromacy



Original Color

32.6128, 27.3357, 37.2756

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.9191, 27.9687, 33.1525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6128, 27.3357, 37.2756 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(179, 127, 161)` looks like.

```
.text, #text, p{  
    color:rgb(179, 127, 161)  
}
```

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(179, 127, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 127, 161) }
```

Border

The CSS property to change the border of an element to XYZ 32.6128, 27.3357, 37.2756 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(179, 127, 161) }
```


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

```
.border{ border-color:rgb(179, 127, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 127, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 127, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 127, 161);  
box-shadow:4px 4px 4px 4px rgb(179, 127,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6128, 27.3357, 37.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 127, 161) }
```

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

```
.background{ background-color: rgb(179,  
127, 161) }
```

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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