

Converting Colors

XYZ(36.9285, 28.1302, 27.3122)

Have a look what the booklet for
XYZ(36.9285, 28.1302, 27.3122)
contains.

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Color

**XYZ(37.0062, 28.1729,
27.1544)**

Conversions

Conversions Part 1

Format	Color
Hex	D07689
RGB	208, 118, 137
RGB Percent	82%, 46%, 54%
CMY	0.1843, 0.5372, 0.4627
CMYK	0.00, 0.43, 0.34, 0.18
HSL	347°, 49%, 64%
HSV	347°, 43%, 82%
XYZ	37.0062, 28.1729, 27.1544
YIQ	147.0760, 47.5410, 24.9890

Conversions

Conversions Part 2

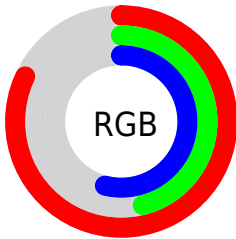
Format	Color
R_{YB}	208, 118, 137
Decimal	13661833
CIE _{Lab}	60.04, 37.32, 5.22
CIE _{LCh}	60, 37.688, 7.964
Yxy	28.1729, 0.4008, 0.3051
Android (android.graphics.Color)	4291851913 (0xFFD07689)
YUV	147.0760, -4.9675, 53.4303
Hunter-Lab	53.0781, 31.5638, 6.8224

Details

The XYZ color **37.0062, 28.1729, 27.1544** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **39.2137, 52.6381, 56.2403**, and the grayscale version is **27.7715, 29.2177, 31.8181**.

A 20% lighter version of the original color is **65.2868, 54.4828, 55.7904**, and **16.4900, 11.2817, 10.3253** is the 20% darker color. If you saturate the color by 10%, you get **33.7323, 23.3678, 20.6905**, and if you desaturate by 10%, it is **41.0007, 34.1324, 34.7424**.

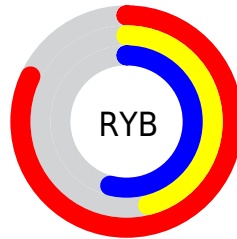
Distribution



Red (82%)

Green (46%)

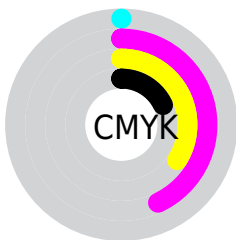
Blue (54%)



Red (82%)

Yellow (46%)

Blue (54%)

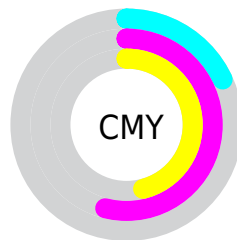


Cyan (0%)

Magenta (43%)

Yellow (34%)

Black (18%)



Cyan (18%)


Magenta (54%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0062, 28.1729, 27.1544 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 37.0062, 28.1729, 27.1544 by changing the saturation by 10% instead.


 37.0062, 28.1729,
27.1544


 37.0062, 28.1729,
27.1544


324.6924,
293.2922, 302.1877

 25.3860, 18.4560,
17.4558


 69.8961, 56.7604,
56.1383

 16.4951, 11.2779,
10.3946


 91.8965, 76.3998,
76.2606

 9.9683, 6.2541,
5.5523


 118.0876,
100.1154, 100.6945

 5.4400, 3.0002,
2.5105

148.8349,
128.2918, 129.8587

 2.5451, 1.1318,
0.8457

184.5037,
161.3133, 164.1715

 0.9180, 0.0049,
0.0000

225.4593,

 0.0000, 0.0000,

199.5642, 204.0516

0.0000

272.0671,
243.4291, 249.9175

■ 37.0062, 28.1729,
27.1544

■ 37.0062, 28.1729,
27.1544

■ 33.7323, 23.3678,
20.6905

■ 41.0007, 34.1324,
34.7424

■ 31.1328, 19.6380,
15.2947

■ 45.7537, 41.3105,
43.5034

■ 29.1596, 16.9010,
10.9083


■ 51.3031, 49.7715,
53.4856


■ 27.7567, 15.0602,
7.4663


■ 57.6837, 59.5738,
64.7338


■ 26.8580, 13.9995,
4.8950

■ 64.9280, 70.7726,
77.2905

 26.4652, 13.5910,
3.6017

 73.0668, 83.4196,
91.1962

 79.3224, 91.9499,
105.5541

 79.8224, 92.1499,
108.1874

Harmonies

Analogous

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



36.2843, 28.1729, 41.7092



37.0062, 28.1729, 27.1544



34.7397, 28.1729, 17.1104

Triad

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



37.0062, 28.1729, 27.1544



21.4879, 28.1729, 14.1894



23.4594, 28.1729, 62.3099

Complementary

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



37.0062, 28.1729, 27.1544



39.2137, 52.6381, 56.2403

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.



20.1356, 28.1729, 49.9957



37.0062, 28.1729, 27.1544



19.0957, 28.1729, 21.7826

Square

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



37.0062, 28.1729, 27.1544



25.5180, 28.1729, 11.2279



18.6321, 28.1729, 34.4885



28.0778, 28.1729, 65.0390

Rectangle

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



37.0062, 28.1729, 27.1544



31.9820, 28.1729, 13.2714



18.6321, 28.1729, 34.4885



22.1707, 28.1729, 59.0083

Sweetspot

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



37.0070, 28.1743, 27.1549



81.4429, 79.0715, 84.9866



38.7270, 28.2674, 63.0895



16.9868, 16.2434, 17.3963



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.



37.0070, 28.1743, 27.1549



53.7851, 37.4920, 33.4201



39.1811, 34.5147, 21.7383



11.9094, 11.8485, 12.7986



16.5236, 8.4823, 2.3975



0.9537, 0.4862, 0.2909

Inverse Universe

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



37.0070, 28.1743, 27.1549



53.7851, 37.4920, 33.4201



35.6880, 42.0678, 65.9135



11.9094, 11.8485, 12.7986



16.5236, 8.4823, 2.3975



0.9537, 0.4862, 0.2909

Previews

White Background



This preview shows how the XYZ color 37.0062, 28.1729, 27.1544 looks on a white background.

Color Contrast Check

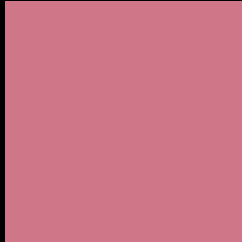
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.0062, 28.1729, 27.1544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

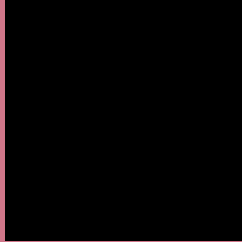
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.0062, 28.1729, 27.1544

Background



This preview shows how black text looks on a background with the XYZ color 37.0062, 28.1729, 27.1544.

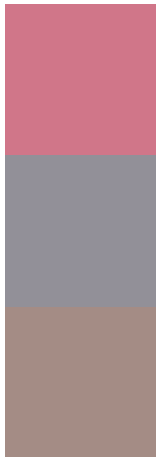


This preview shows how white text looks on a background with the XYZ color 37.0062, 28.1729,

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

37.0062, 28.1729, 27.1544

Protanopia

27.4948, 28.3245, 33.7238

Deuteranopia

28.9216, 28.3421, 26.1365



Tritanopia

36.2252, 28.0176, 23.9207

Trichromacy



Original Color

37.0062, 28.1729, 27.1544

Protanomaly

30.2926, 27.8695, 31.3865

Deuteranomaly

31.3767, 27.9271, 26.2910

Tritanomaly

36.4257, 28.0977, 24.9763

Monochromacy



Original Color

37.0062, 28.1729, 27.1544

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.1243, 28.0265, 29.8085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0062, 28.1729, 27.1544 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(208, 118, 137)` looks like.

```
.text, #text, p{  
    color:rgb(208, 118, 137)  
}
```

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(208, 118, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 118, 137) }
```

Border

The CSS property to change the border of an element to XYZ 37.0062, 28.1729, 27.1544 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(208, 118, 137) }
```


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

```
.border{ border-color:rgb(208, 118, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 118, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 118, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 118, 137);  
box-shadow:4px 4px 4px 4px rgb(208, 118,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0062, 28.1729, 27.1544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 118, 137) }
```

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

```
.background{ background-color: rgb(208,  
118, 137) }
```

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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