

Converting Colors

XYZ(36.9615, 27.7637, 21.1801)

Have a look what the booklet for
XYZ(36.9615, 27.7637, 21.1801)
contains.

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Color

**XYZ(36.9615, 27.7637,
21.1801)**

Conversions

Conversions Part 1

Format	Color
Hex	D57378
RGB	213, 115, 120
RGB Percent	84%, 45%, 47%
CMY	0.1647, 0.5490, 0.5294
CMYK	0.00, 0.46, 0.44, 0.16
HSL	357°, 54%, 64%
HSV	357°, 46%, 84%
XYZ	36.9615, 27.7637, 21.1801
YIQ	144.8720, 56.8030, 22.3310

Conversions

Conversions Part 2

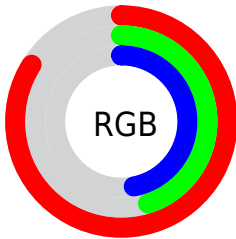
Format	Color
R _Y B	213, 115, 120
Decimal	13988728
CIE Lab	59.67, 38.77, 14.59
CIE LCh	60, 41.427, 20.622
Yxy	27.7637, 0.4303, 0.3232
Android (android.graphics.Color)	4292178808 (0xFFD57378)
YUV	144.8720, -12.2619, 59.7483
Hunter-Lab	52.6913, 33.0032, 13.0513

Details

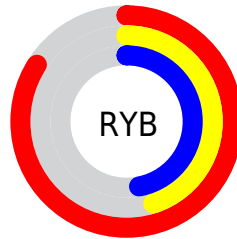
The XYZ color **36.9615, 27.7637, 21.1801** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **42.2511, 55.7881, 68.2194**, and the grayscale version is **26.8945, 28.2951, 30.8134**.

A 20% lighter version of the original color is **62.8744, 52.6145, 45.8715**, and **16.5207, 11.1032, 7.4033** is the 20% darker color. If you saturate the color by 10%, you get **33.7071, 23.0154, 14.6683**, and if you desaturate by 10%, it is **41.0374, 33.7407, 29.2439**.

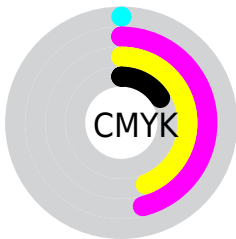
Distribution



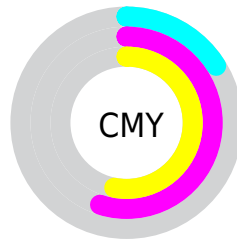
- Red (84%)
- Green (45%)
- Blue (47%)



- Red (84%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (46%)
- Yellow (44%)
- Black (16%)



- Cyan (16%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9615, 27.7637, 21.1801 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 36.9615, 27.7637, 21.1801 by changing the saturation by 10% instead.

36.9615, 27.7637,
21.1801

36.9615, 27.7637,
21.1801

324.5022,
291.3361, 271.0465

25.3512, 18.1476,
13.0632

69.8278, 56.1070,
46.2718

16.4690, 11.0560,
7.3408

91.8145, 75.6029,
64.0836

9.9496, 6.1045,
3.5945

117.9907, 99.1609,
85.9641

5.4276, 2.9087,
1.4056

148.7219,
127.1654, 112.3319

2.5376, 1.0843,
0.1461

184.3732,
160.0008, 143.6055

0.9142, 0.0000,
0.0000

225.3102,

0.0000, 0.0000,

198.0514, 180.2034

0.0000

271.8980,
241.7017, 222.5443

■ 36.9615, 27.7637,
21.1801

■ 36.9615, 27.7637,
21.1801

■ 33.7071, 23.0154,
14.6683

■ 41.0374, 33.7407,
29.2439

■ 31.2165, 19.4064,
9.6073

■ 45.9832, 41.0189,
38.9489

■ 29.4278, 16.8426,
5.8864


■ 51.8459, 49.6704,
50.3795

■ 28.2685, 15.2123,
3.3783


■ 58.6686, 59.7607,
63.6138

■ 27.6498, 14.3776,
1.9307

■ 66.4917, 71.3511,
78.7251

 27.5001, 14.1700,
1.5979

 75.3533, 84.4995,
95.7826

 81.2506, 92.8861,
108.2542

Harmonies

Analogous

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



37.6035, 27.7637, 35.1688



36.9615, 27.7637, 21.1801



33.2951, 27.7637, 12.9879

Triad

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



36.9615, 27.7637, 21.1801



19.3548, 27.7637, 15.3945



24.7840, 27.7637, 68.4692

Complementary

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



36.9615, 27.7637, 21.1801



42.2511, 55.7881, 68.2194

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.



20.5100, 27.7637, 58.3974



36.9615, 27.7637, 21.1801



17.6597, 27.7637, 25.7766

Square

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



36.9615, 27.7637, 21.1801



23.0034, 27.7637, 10.4954



18.0527, 27.7637, 41.5481



30.0905, 27.7637, 65.9815

Rectangle

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



36.9615, 27.7637, 21.1801



29.8671, 27.7637, 10.3901



18.0527, 27.7637, 41.5481



23.1912, 27.7637, 66.3421

Sweetspot

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



36.9622, 27.7651, 21.1806



79.7169, 77.3065, 79.2102



43.7251, 30.2558, 66.4861



16.6132, 15.8826, 16.0806



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.



36.9622, 27.7651, 21.1806



50.8488, 34.8671, 22.4293



42.6721, 39.6574, 21.6271



12.4487, 12.4310, 13.0369



16.8096, 8.6602, 1.0357



1.0231, 0.5260, 0.1111

Inverse Universe

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



36.9622, 27.7651, 21.1806



50.8488, 34.8671, 22.4293



33.5567, 37.4002, 68.4011



12.4487, 12.4310, 13.0369



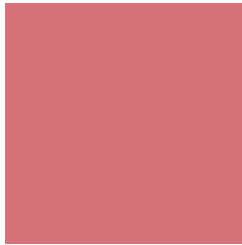
16.8096, 8.6602, 1.0357



1.0231, 0.5260, 0.1111

Previews

White Background



This preview shows how the XYZ color 36.9615, 27.7637, 21.1801 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 36.9615, 27.7637, 21.1801 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 36.9615, 27.7637, 21.1801

Background



This preview shows how black text looks on a background with the XYZ color 36.9615, 27.7637, 21.1801.



This preview shows how white text looks on a background with the XYZ color 36.9615, 27.7637,

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

36.9615, 27.7637, 21.1801

Protanopia

26.7409, 28.0853, 26.9333

Deuteranopia

28.5335, 28.0510, 20.4335



Tritanopia

37.1465, 27.8377, 22.1543

Trichromacy



Original Color

36.9615, 27.7637, 21.1801

Protanomaly

29.4301, 27.1574, 24.8099

Deuteranomaly

30.9607, 27.4400, 20.4943

Tritanomaly

37.0842, 27.8127, 21.8262

Monochromacy



Original Color

36.9615, 27.7637, 21.1801

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.5466, 27.3738, 27.0190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9615, 27.7637, 21.1801 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(213, 115, 120)` looks like.

```
.text, #text, p{  
    color:rgb(213, 115, 120)  
}
```

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(213, 115, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 115, 120) }
```

Border

The CSS property to change the border of an element to XYZ 36.9615, 27.7637, 21.1801 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(213, 115, 120) }
```


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

```
.border{ border-color:rgb(213, 115, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 115, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 115, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 115, 120);  
box-shadow:4px 4px 4px 4px rgb(213, 115,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9615, 27.7637, 21.1801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 115, 120) }
```

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

```
.background{ background-color: rgb(213,  
115, 120) }
```

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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