

Converting Colors

XYZ(37.4326, 27.8389, 21.1703)

Have a look what the booklet for
XYZ(37.4326, 27.8389, 21.1703)
contains.

XYZ(37.4318, 27.8378, 21.1697)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.4318, 27.8378,
21.1697)**

Conversions

Conversions Part 1

Format	Color
Hex	D77278
RGB	215, 114, 120
RGB Percent	84%, 45%, 47%
CMY	0.1569, 0.5529, 0.5294
CMYK	0.00, 0.47, 0.44, 0.16
HSL	356°, 56%, 65%
HSV	356°, 47%, 84%
XYZ	37.4318, 27.8378, 21.1697
YIQ	144.8830, 58.2700, 23.2780

Conversions

Conversions Part 2

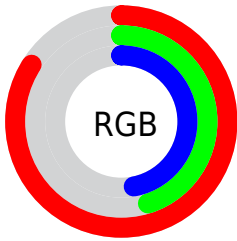
Format	Color
R _Y B	215, 114, 120
Decimal	14119544
CIE Lab	59.74, 40.02, 14.73
CIE LCh	60, 42.647, 20.200
Yxy	27.8378, 0.4330, 0.3221
Android (android.graphics.Color)	4292309624 (0xFFD77278)
YUV	144.8830, -12.2673, 61.4926
Hunter-Lab	52.7615, 34.3046, 13.1439

Details

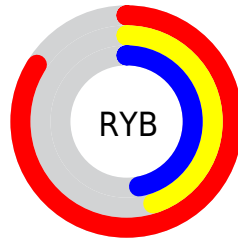
The XYZ color **37.4318, 27.8378, 21.1697** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **42.7499, 56.7823, 69.0319**, and the grayscale version is **26.8986, 28.2994, 30.8181**.

A 20% lighter version of the original color is **62.6890, 52.2438, 45.8097**, and **16.8518, 11.1910, 7.4028** is the 20% darker color. If you saturate the color by 10%, you get **34.1849, 23.1052, 14.6581**, and if you desaturate by 10%, it is **41.5093, 33.8168, 29.2375**.

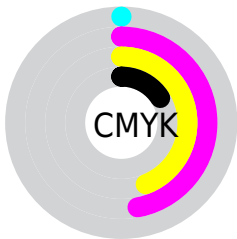
Distribution



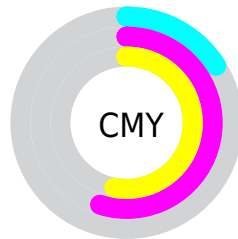
- Red (84%)
- Green (45%)
- Blue (47%)



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



- Cyan (0%)
- Magenta (47%)
- Yellow (44%)
- Black (16%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4318, 27.8378, 21.1697 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 37.4318, 27.8378, 21.1697 by changing the saturation by 10% instead.


 37.4318, 27.8378,
21.1697


 37.4318, 27.8378,
21.1697


326.4994,
291.6911, 270.9896


 25.7172, 18.2034,
13.0557


 70.5459, 56.2254,
46.2542

 16.7438, 11.0961,
7.3357


 92.6762, 75.7474,
64.0618

 10.1461, 6.1315,
3.5913


 119.0090, 99.3340,
85.9377

 5.5590, 2.9252,
1.4039

149.9098,
127.3697, 112.3003

 2.6169, 1.0928,
0.1448

185.7438,
160.2389, 143.5683

 0.9546, 0.0000,
0.0000

226.8765,

 0.0000, 0.0000,

198.3259, 180.1601

0.0000

273.6733,
242.0152, 222.4944

■ 37.4318, 27.8378,
21.1697

■ 37.4318, 27.8378,
21.1697

■ 34.1849, 23.1052,
14.6581

■ 41.5093, 33.8168,
29.2375

■ 31.7094, 19.5270,
9.6010

■ 46.4668, 41.1170,
38.9512

■ 29.9419, 17.0055,
5.8869


■ 52.3525, 49.8125,
50.3956


■ 28.8076, 15.4250,
3.3876

■ 59.2104, 59.9707,
63.6492

■ 28.2114, 14.6349,
1.9487

■ 67.0818, 71.6546,
78.7858

 28.0954, 14.4755,
1.6860

 76.0054, 84.9235,
95.8748

 81.8342, 93.1870,
108.2815

Harmonies

Analogous

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



38.0482, 27.8378, 35.6514



37.4318, 27.8378, 21.1697



33.6667, 27.8378, 12.7415

Triad

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



37.4318, 27.8378, 21.1697



19.2656, 27.8378, 14.9988



24.7330, 27.8378, 69.9996

Complementary

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



37.4318, 27.8378, 21.1697



42.7499, 56.7823, 69.0319

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.



20.3613, 27.8378, 59.3280



37.4318, 27.8378, 21.1697



17.5003, 27.8378, 25.5318

Square

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



37.4318, 27.8378, 21.1697



23.0378, 27.8378, 10.1103



17.8721, 27.8378, 41.7640



30.2032, 27.8378, 67.5938

Rectangle

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



37.4318, 27.8378, 21.1697



30.1291, 27.8378, 10.0763



17.8721, 27.8378, 41.7640



23.0998, 27.8378, 67.7147

Sweetspot

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



37.4325, 27.8392, 21.1702



79.7569, 77.3225, 79.4207



44.3713, 30.3910, 67.8172



16.6228, 15.8864, 16.1310



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.



37.4325, 27.8392, 21.1702



50.4876, 34.2651, 21.9379



43.2496, 40.0375, 21.3701



12.4528, 12.4326, 13.0589



16.8175, 8.6633, 1.0770



1.0251, 0.5268, 0.1215

Inverse Universe

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



37.4325, 27.8392, 21.1702



50.4876, 34.2651, 21.9379



33.8135, 37.6992, 69.7843



12.4528, 12.4326, 13.0589



16.8175, 8.6633, 1.0770



1.0251, 0.5268, 0.1215

Previews

White Background



This preview shows how the XYZ color 37.4318, 27.8378, 21.1697 looks on a white background.

Color Contrast Check

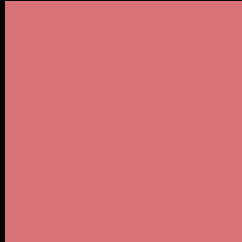
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.4318, 27.8378, 21.1697 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 37.4318, 27.8378, 21.1697

Background



This preview shows how black text looks on a background with the XYZ color 37.4318, 27.8378, 21.1697.



This preview shows how white text looks on a background with the XYZ color 37.4318, 27.8378,

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

37.4318, 27.8378, 21.1697

Protanopia

26.7409, 28.0853, 26.9333

Deuteranopia

28.5335, 28.0510, 20.4335



Tritanopia

37.5545, 27.8868, 21.8157

Trichromacy



Original Color

37.4318, 27.8378, 21.1697

Protanomaly

29.6504, 27.2710, 24.8202

Deuteranomaly

31.2011, 27.5639, 20.5055

Tritanomaly

37.4928, 27.8622, 21.4910

Monochromacy



Original Color

37.4318, 27.8378, 21.1697

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 37.4318, 27.8378, 21.1697 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(215, 114, 120)` looks like.

```
.text, #text, p{  
    color:rgb(215, 114, 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(215, 114, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 114, 120) }
```

Border

The CSS property to change the border of an element to XYZ 37.4318, 27.8378, 21.1697 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(215, 114, 120) }
```


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

```
.border{ border-color:rgb(215, 114, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 114, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 114, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 114, 120);  
box-shadow:4px 4px 4px 4px rgb(215, 114,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4318, 27.8378, 21.1697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 114, 120) }
```

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

```
.background{ background-color: rgb(215,  
114, 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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