

Converting Colors

XYZ(37.8747, 27.7532, 20.7199)

Have a look what the booklet for
XYZ(37.8747, 27.7532, 20.7199)
contains.

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Color

**XYZ(37.7392, 27.6720,
20.8049)**

Conversions

Conversions Part 1

Format	Color
Hex	D97077
RGB	217, 112, 119
RGB Percent	85%, 44%, 47%
CMY	0.1490, 0.5608, 0.5333
CMYK	0.00, 0.48, 0.45, 0.15
HSL	356°, 58%, 65%
HSV	356°, 48%, 85%
XYZ	37.7392, 27.6720, 20.8049
YIQ	144.1930, 60.3330, 24.4370

Conversions

Conversions Part 2

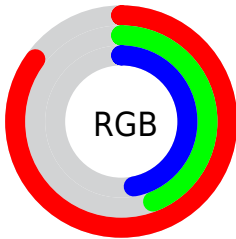
Format	Color
R _Y B	217, 112, 119
Decimal	14250103
CIE Lab	59.59, 41.67, 15.14
CIE LCh	60, 44.337, 19.960
Yxy	27.6720, 0.4377, 0.3210
Android (android.graphics.Color)	4292440183 (0xFFD97077)
YUV	144.1930, -12.4201, 63.8517
Hunter-Lab	52.6042, 36.0018, 13.3738

Details

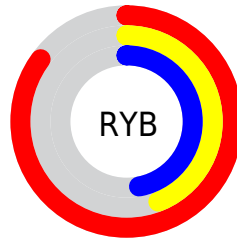
The XYZ color **37.7392, 27.6720, 20.8049** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **43.1293, 57.7241, 69.8452**, and the grayscale version is **26.6193, 28.0056, 30.4981**.

A 20% lighter version of the original color is **62.2269, 51.4727, 45.1836**, and **16.8537, 10.9558, 7.1876** is the 20% darker color. If you saturate the color by 10%, you get **34.5373, 23.0119, 14.3623**, and if you desaturate by 10%, it is **41.7787, 33.5925, 28.8060**.

Distribution



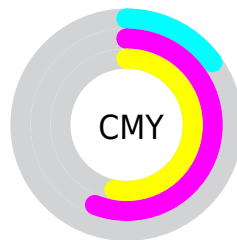
- Red (85%)
- Green (44%)
- Blue (47%)



- Red (85%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (48%)
- Yellow (45%)
- Black (15%)





- Cyan (15%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7392, 27.6720, 20.8049 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 37.7392, 27.6720, 20.8049 by changing the saturation by 10% instead.


 37.7392, 27.6720,
20.8049


 37.7392, 27.6720,
20.8049


327.8001,
290.8963, 268.9867


 25.9566, 18.0786,
12.7916


 71.0147, 55.9603,
45.6392


 16.9237, 11.0064,
7.1562


 93.2383, 75.4240,
63.2972

 10.2751, 6.0711,
3.4800


 119.6731, 98.9466,
85.0073

 5.6454, 2.8884,
1.3447

 150.6842,
126.9124, 111.1879

 2.6693, 1.0737,
0.0980

186.6371,
159.7059, 142.2577

 0.9814, 0.0000,
0.0000

227.8972,

 0.0000, 0.0000,

197.7115, 178.6350

0.0000

274.8297,
241.3134, 220.7385

■ 37.7392, 27.6720,
20.8049

■ 37.7392, 27.6720,
20.8049

■ 34.5373, 23.0119,
14.3623

■ 41.7787, 33.5925,
28.8060

■ 32.1120, 19.5168,
9.3752

■ 46.7067, 40.8509,
38.4566

■ 30.3977, 17.0852,
5.7304


■ 52.5726, 49.5238,
49.8423


■ 29.3168, 15.5956,
3.2974


■ 59.4216, 59.6806,
63.0426

■ 28.7602, 14.8706,
1.9152

■ 67.2960, 71.3862,
78.1319

 28.6976, 14.7846,
1.7730

 76.2355, 84.7016,
95.1805

 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



38.3539, 27.6720, 35.8149



37.7392, 27.6720, 20.8049



33.8310, 27.6720, 12.1872

Triad

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



37.7392, 27.6720, 20.8049



18.9078, 27.6720, 14.3616



24.4737, 27.6720, 71.6845

Complementary

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



37.7392, 27.6720, 20.8049



43.1293, 57.7241, 69.8452

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.



19.9811, 27.6720, 60.3360



37.7392, 27.6720, 20.8049



17.0822, 27.6720, 25.0811

Square

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



37.7392, 27.6720, 20.8049



22.8038, 27.6720, 9.4841



17.4452, 27.6720, 41.8934



30.1396, 27.6720, 69.2596

Rectangle

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



37.7392, 27.6720, 20.8049



30.1549, 27.6720, 9.4909



17.4452, 27.6720, 41.8934



22.7911, 27.6720, 69.2342

Sweetspot

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



37.7399, 27.6734, 20.8054



78.8139, 75.8871, 77.7174



44.8976, 30.3012, 69.1278



16.4385, 15.6045, 15.8027



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.



37.7399, 27.6734, 20.8054



49.7162, 33.0795, 20.5795



43.6825, 40.2064, 20.7895



13.0910, 13.0655, 13.7407



17.3858, 8.9554, 1.1458



1.1390, 0.5852, 0.1407

Inverse Universe

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



37.7399, 27.6734, 20.8054



49.7162, 33.0795, 20.5795



33.8654, 37.7710, 71.1511



13.0910, 13.0655, 13.7407



17.3858, 8.9554, 1.1458



1.1390, 0.5852, 0.1407

Previews

White Background



This preview shows how the XYZ color 37.7392, 27.6720, 20.8049 looks on a white background.

Color Contrast Check

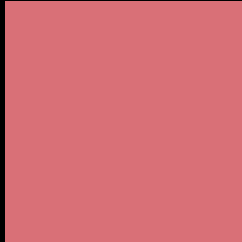
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.7392, 27.6720, 20.8049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

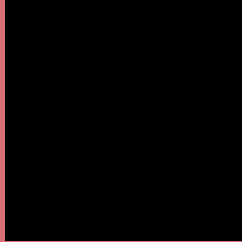
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.7392, 27.6720, 20.8049

Background



This preview shows how black text looks on a background with the XYZ color 37.7392, 27.6720, 20.8049.



This preview shows how white text looks on a background with the XYZ color 37.7392, 27.6720,

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

37.7392, 27.6720, 20.8049

Protanopia

26.5901, 27.7838, 26.8830

Deuteranopia

28.3314, 27.7396, 20.0807



Tritanopia

37.7996, 27.6961, 21.1229

Trichromacy



Original Color

37.7392, 27.6720, 20.8049

Protanomaly

29.6693, 27.0862, 24.4333

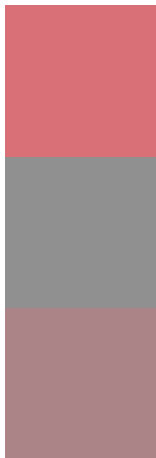
Deuteranomaly

31.2523, 27.4006, 20.1647

Tritanomaly

37.7996, 27.6961, 21.1229

Monochromacy



Original Color

37.7392, 27.6720, 20.8049

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.4190, 26.9097, 26.5652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7392, 27.6720, 20.8049 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(217, 112, 119)` looks like.

```
.text, #text, p{  
    color:rgb(217, 112, 119)  
}
```

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(217, 112, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 112, 119) }
```

Border

The CSS property to change the border of an element to XYZ 37.7392, 27.6720, 20.8049 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(217, 112, 119) }
```


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

```
.border{ border-color:rgb(217, 112, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 112, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 112, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 112, 119);  
box-shadow:4px 4px 4px 4px rgb(217, 112,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7392, 27.6720, 20.8049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 112, 119) }
```

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

```
.background{ background-color: rgb(217,  
112, 119) }
```

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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