

Converting Colors

XYZ(37.6142, 27.6169, 30.8065)

Have a look what the booklet for
XYZ(37.6142, 27.6169, 30.8065)
contains.

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Color

**XYZ(37.4661, 27.4721,
30.9317)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D17193 |
| RGB | 209, 113, 147 |
| RGB Percent | 82%, 44%, 58% |
| CMY | 0.1804, 0.5568, 0.4235 |
| CMYK | 0.00, 0.46, 0.30, 0.18 |
| HSL | 339°, 51%, 63% |
| HSV | 339°, 46%, 82% |
| XYZ | 37.4661, 27.4721, 30.9317 |
| YIQ | 145.5800, 46.3020, 30.9260 |

Conversions

Conversions Part 2

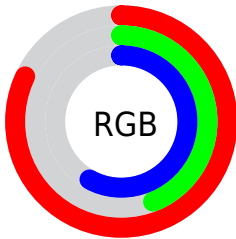
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 209, 113, 147 |
| Decimal | 13726099 |
| CIE Lab | 59.41, 41.57, -1.46 |
| CIE LCh | 59, 41.597, 357.988 |
| Yxy | 27.4721, 0.3908, 0.2866 |
| Android (android.graphics.Color) | 4291916179 (0xFFD17193) |
| YUV | 145.5800, 0.7001, 55.6193 |
| Hunter-Lab | 52.4138, 35.8699, 1.7001 |

Details

The XYZ color **37.4661, 27.4721, 30.9317** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.3497, 52.2076, 48.6687**, and the grayscale version is **27.1345, 28.5477, 31.0884**.

A 20% lighter version of the original color is **65.6013, 53.1145, 62.0529**, and **16.7753, 10.8760, 12.5244** is the 20% darker color. If you saturate the color by 10%, you get **34.3993, 22.9353, 24.9865**, and if you desaturate by 10%, it is **41.1956, 33.1350, 37.7116**.

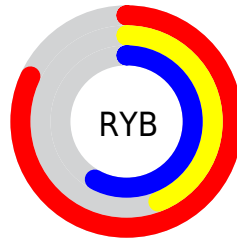
Distribution



Red (82%)

Green (44%)

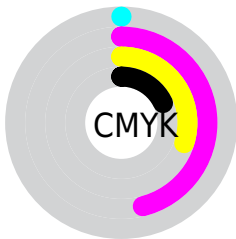
Blue (58%)



Red (82%)

Yellow (44%)

Blue (58%)

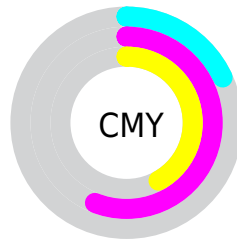


Cyan (0%)

Magenta (46%)

Yellow (30%)

Black (18%)



Cyan (18%)


Magenta (56%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4661, 27.4721, 30.9317 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 37.4661, 27.4721, 30.9317 by changing the saturation by 10% instead.


 37.4661, 27.4721,
30.9317


 37.4661, 27.4721,
30.9317


326.6447,
289.9357, 320.5650


 25.7439, 17.9281,
20.2888


 70.5983, 55.6405,
62.2108


 16.7638, 10.8984,
12.4190


 92.7389, 75.0337,
83.6842

 10.1605, 5.9985,
6.9037


 119.0831, 98.4788,
109.6047

 5.5686, 2.8442,
3.3244

 149.9962,
126.3601, 140.3911

 2.6227, 1.0509,
1.2626

185.8436,
159.0620, 176.4617

 0.9575, 0.0000,
0.0308

226.9906,

 0.0000, 0.0000,

196.9690, 218.2352

0.0000

273.8025,
240.4655, 266.1302

■ 37.4661, 27.4721,
30.9317

■ 37.4661, 27.4721,
30.9317

■ 34.3993, 22.9353,
24.9865

■ 41.1956, 33.1350,
37.7116

■ 31.9513, 19.4442,
19.8395

■ 45.6234, 39.9893,
45.3574

■ 30.0762, 16.9139,
15.4533


■ 50.7852, 48.0999,
53.9004


■ 28.7200, 15.2445,
11.7862


■ 56.7135, 57.5258,
63.3698


■ 27.8168, 14.3119,
8.7908


■ 63.4388, 68.3225,
73.7934

 27.5311, 14.0500,
7.7420

 70.9899, 80.5420,
85.1978

 78.0052, 91.4556,
97.1454

 80.1029, 92.2947,
108.1916

 80.1046, 92.2954,
108.2006

Harmonies

Analogous

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



35.5677, 27.4721, 47.8588



37.4661, 27.4721, 30.9317



36.0019, 27.4721, 18.3606

Triad

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



37.4661, 27.4721, 30.9317



21.6837, 27.4721, 11.0479



21.1496, 27.4721, 61.4589

Complementary

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



37.4661, 27.4721, 30.9317



37.3497, 52.2076, 48.6687

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.



18.2217, 27.4721, 45.5102



37.4661, 27.4721, 30.9317



18.5000, 27.4721, 17.1284

Square

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



37.4661, 27.4721, 30.9317



26.4649, 27.4721, 9.4161



17.3194, 27.4721, 28.9158



25.7611, 27.4721, 68.7574

Rectangle

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



37.4661, 27.4721, 30.9317



33.4120, 27.4721, 13.2495



17.3194, 27.4721, 28.9158



19.9602, 27.4721, 56.7174

Sweetspot

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



37.4669, 27.4735, 30.9322



81.2072, 77.9027, 87.0578



34.8260, 25.3909, 63.3873



16.9720, 16.0261, 17.9699



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.



37.4669, 27.4735, 30.9322



54.0809, 36.1600, 39.4492



36.7115, 29.6196, 19.4066



11.9792, 11.8764, 13.1662



17.0175, 8.6798, 4.9983



0.9888, 0.5003, 0.4760

Inverse Universe

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



37.4669, 27.4735, 30.9322



54.0809, 36.1600, 39.4492



38.1048, 47.6852, 67.5177



11.9792, 11.8764, 13.1662



17.0175, 8.6798, 4.9983



0.9888, 0.5003, 0.4760

Previews

White Background



This preview shows how the XYZ color 37.4661, 27.4721, 30.9317 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 37.4661, 27.4721, 30.9317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

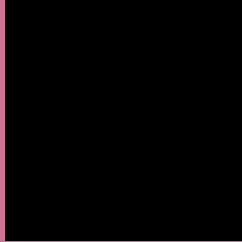
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.4661, 27.4721, 30.9317

Background



This preview shows how black text looks on a background with the XYZ color 37.4661, 27.4721, 30.9317.



This preview shows how white text looks on a background with the XYZ color 37.4661, 27.4721,

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

37.4661, 27.4721, 30.9317

Protanopia

27.2797, 27.6381, 39.4942

Deuteranopia

28.2911, 27.7175, 29.8455



Tritanopia

35.8593, 27.4943, 23.1556

Trichromacy



Original Color

37.4661, 27.4721, 30.9317

Protanomaly

29.8049, 26.7006, 35.9306

Deuteranomaly

31.1481, 27.3260, 30.0183

Tritanomaly

36.5609, 27.6219, 25.9588

Monochromacy



Original Color

37.4661, 27.4721, 30.9317

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

30.0756, 27.5605, 30.9287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4661, 27.4721, 30.9317 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(209, 113, 147)` looks like.

```
.text, #text, p{  
    color:rgb(209, 113, 147)  
}
```

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(209, 113, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 113, 147) }
```

Border

The CSS property to change the border of an element to XYZ 37.4661, 27.4721, 30.9317 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(209, 113, 147) }
```


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

```
.border{ border-color:rgb(209, 113, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 113, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 113, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 113, 147);  
box-shadow:4px 4px 4px 4px rgb(209, 113,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4661, 27.4721, 30.9317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 113, 147) }
```

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

```
.background{ background-color: rgb(209,  
113, 147) }
```

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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