

Converting Colors

XYZ(41.3055, 30.6665, 27.2752)

Have a look what the booklet for
XYZ(41.3055, 30.6665, 27.2752)
contains.

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Color

**XYZ(41.3560, 30.7687,
27.4262)**

Conversions

Conversions Part 1

Format	Color
Hex	DE7889
RGB	222, 120, 137
RGB Percent	87%, 47%, 54%
CMY	0.1294, 0.5294, 0.4627
CMYK	0.00, 0.46, 0.38, 0.13
HSL	350°, 61%, 67%
HSV	350°, 46%, 87%
XYZ	41.3560, 30.7687, 27.4262
YIQ	152.4360, 55.3350, 26.9110

Conversions

Conversions Part 2

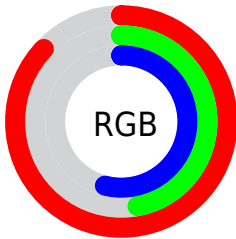
Format	Color
RYB	222, 120, 137
Decimal	14579849
CIELab	62.31, 41.33, 8.71
CIELCh	62, 42.238, 11.903
Yxy	30.7687, 0.4154, 0.3091
Android (android.graphics.Color)	4292769929 (0xFFDE7889)
YUV	152.4360, -7.6099, 61.0076
Hunter-Lab	55.4695, 36.0112, 9.5135

Details

The XYZ color **41.3560, 30.7687, 27.4262** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.8880, 60.6440, 67.1006**, and the grayscale version is **30.0495, 31.6144, 34.4281**.

A 20% lighter version of the original color is **65.6703, 55.2498, 55.9183**, and **19.0973, 12.7149, 10.4645** is the 20% darker color. If you saturate the color by 10%, you get **37.7736, 25.5487, 20.2362**, and if you desaturate by 10%, it is **45.7865, 37.3205, 36.0222**.

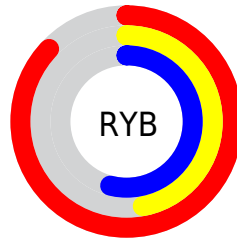
Distribution



Red (87%)

Green (47%)

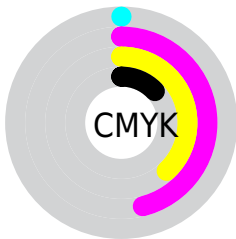
Blue (54%)



Red (87%)

Yellow (47%)

Blue (54%)

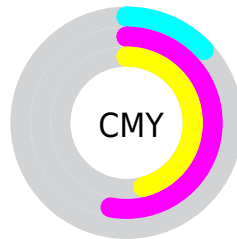


Cyan (0%)

Magenta (46%)

Yellow (38%)

Black (13%)



Cyan (13%)


Magenta (53%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3560, 30.7687, 27.4262 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 41.3560, 30.7687, 27.4262 by changing the saturation by 10% instead.


 41.3560, 30.7687,
27.4262


 41.3560, 30.7687,
27.4262

342.8435,
305.4713, 303.5400


 28.7863, 20.4228,
17.6583


 76.4953, 60.8757,
56.5791

 19.0627, 12.7027,
10.5381


 99.7956, 81.4056,
76.8011

 11.8198, 7.2242,
5.6469


 127.4035,
106.0990, 101.3449

 6.6924, 3.6027,
2.5663

159.6842,
135.3402, 130.6291

 3.3151, 1.4539,
0.8750

197.0033,
169.5136, 165.0722

 1.3225, 0.2559,
0.0000

239.7259,

 0.2000, 0.0000,

209.0037, 205.0927

0.0000

288.2176,
254.1948, 251.1091

0.0000, 0.0000,
0.0000

41.3560, 30.7687,
27.4262

41.3560, 30.7687,
27.4262

37.7736, 25.5487,
20.2362

45.7865, 37.3205,
36.0222

34.9818, 21.5645,
14.3750

51.1127, 45.2823,
46.0923

32.9198, 18.7146,
9.7601


57.3815, 54.7316,
57.7023


31.5167, 16.8792,
6.2991


64.6356, 65.7390,
70.9134

30.6859, 15.9107,
3.8858

72.9154, 78.3704,
85.7835

 30.4579, 15.6631,
3.1674

 82.2589, 92.6883,
102.3675

 83.9341, 94.2696,
108.3798

Harmonies

Analogous

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



40.9704, 30.7687, 44.2479



41.3560, 30.7687, 27.4262



38.2002, 30.7687, 16.5848

Triad

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



41.3560, 30.7687, 27.4262



22.5082, 30.7687, 15.1267



25.9655, 30.7687, 73.1554

Complementary

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



41.3560, 30.7687, 27.4262



44.8880, 60.6440, 67.1006

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.



21.8112, 30.7687, 59.1936



41.3560, 30.7687, 27.4262



20.0014, 30.7687, 24.6539

Square

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



41.3560, 30.7687, 27.4262



27.0382, 30.7687, 11.1932



19.7641, 30.7687, 40.4145



31.5681, 30.7687, 74.6452

Rectangle

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



41.3560, 30.7687, 27.4262



34.7258, 30.7687, 12.7159



19.7641, 30.7687, 40.4145



24.3731, 30.7687, 69.5962

Sweetspot

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



41.3568, 30.7703, 27.4268



80.2744, 77.5295, 82.1458



45.0791, 31.6877, 72.8475



16.7470, 15.9361, 16.7848



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.



41.3568, 30.7703, 27.4268



51.9383, 35.3029, 28.1666



45.0710, 39.9984, 23.1164



13.7999, 13.7376, 14.7167



18.1189, 9.3146, 2.0260



1.2845, 0.6571, 0.2909

Inverse Universe

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



41.3568, 30.7703, 27.4268



51.9383, 35.3029, 28.1666



38.9151, 45.2348, 75.7872



13.7999, 13.7376, 14.7167



18.1189, 9.3146, 2.0260



1.2845, 0.6571, 0.2909

Previews

White Background



This preview shows how the XYZ color 41.3560, 30.7687, 27.4262 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 41.3560, 30.7687, 27.4262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

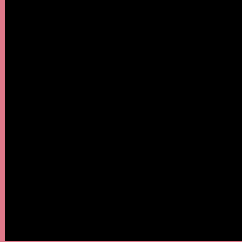
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3560, 30.7687, 27.4262

Background



This preview shows how black text looks on a background with the XYZ color 41.3560, 30.7687, 27.4262.



This preview shows how white text looks on a background with the XYZ color 41.3560, 30.7687,

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

41.3560, 30.7687, 27.4262

Protanopia

29.8760, 30.9181, 34.9650

Deuteranopia

31.5258, 31.0219, 26.5165



Tritanopia

40.6854, 30.6586, 24.8924

Trichromacy



Original Color

41.3560, 30.7687, 27.4262

Protanomaly

32.9380, 30.0683, 32.0847

Deuteranomaly

34.4839, 30.5597, 26.6354

Tritanomaly

40.8898, 30.7404, 25.9687

Monochromacy



Original Color

41.3560, 30.7687, 27.4262

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.7760, 30.2099, 31.7074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3560, 30.7687, 27.4262 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(222, 120, 137)` looks like.

```
.text, #text, p{  
    color:rgb(222, 120, 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(222, 120, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 120, 137) }
```

Border

The CSS property to change the border of an element to XYZ 41.3560, 30.7687, 27.4262 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(222, 120, 137) }
```


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

```
.border{ border-color:rgb(222, 120, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 120, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 120, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 120, 137);  
box-shadow:4px 4px 4px 4px rgb(222, 120,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3560, 30.7687, 27.4262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 120, 137) }
```

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

```
.background{ background-color: rgb(222,  
120, 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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