

Converting Colors

XYZ(42.6270, 34.1138, 27.1497)

Have a look what the booklet for
XYZ(42.6270, 34.1138, 27.1497)
contains.

XYZ(42.7171, 34.1716, 27.2660)	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(42.7171, 34.1716,
27.2660)**

Conversions

Conversions Part 1

Format	Color
Hex	DD8687
RGB	221, 134, 135
RGB Percent	87%, 53%, 53%
CMY	0.1333, 0.4745, 0.4706
CMYK	0.00, 0.39, 0.39, 0.13
HSL	359°, 56%, 70%
HSV	359°, 39%, 87%
XYZ	42.7171, 34.1716, 27.2660
YIQ	160.1270, 51.5310, 18.7550

Conversions

Conversions Part 2

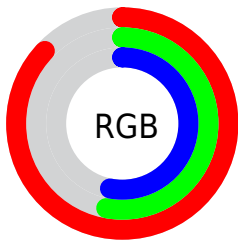
Format	Color
R _Y B	221, 134, 135
Decimal	14517895
CIE Lab	65.10, 33.43, 13.76
CIE LCh	65, 36.153, 22.377
Yxy	34.1716, 0.4101, 0.3281
Android (android.graphics.Color)	4292707975 (0xFFDD8687)
YUV	160.1270, -12.3876, 53.3856
Hunter-Lab	58.4565, 28.1401, 13.2648

Details

The XYZ color **42.7171, 34.1716, 27.2660** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.6079, 61.9494, 77.1092**, and the grayscale version is **33.5117, 35.2569, 38.3948**.

A 20% lighter version of the original color is **68.3003, 60.8573, 55.7238**, and **19.8372, 14.6289, 10.3725** is the 20% darker color. If you saturate the color by 10%, you get **38.5919, 28.1355, 19.0649**, and if you desaturate by 10%, it is **47.7979, 41.6138, 37.3434**.

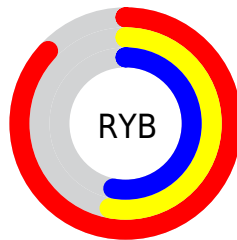
Distribution



Red (87%)

Green (53%)

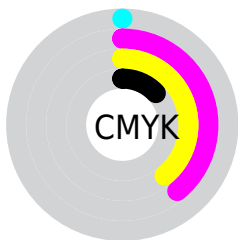
Blue (53%)



Red (87%)

Yellow (53%)

Blue (53%)

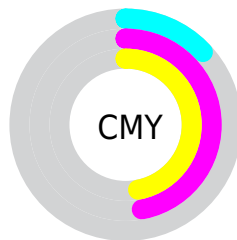


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (13%)



Cyan (13%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7171, 34.1716, 27.2660 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 42.7171, 34.1716, 27.2660 by changing the saturation by 10% instead.

 42.7171, 34.1716,
27.2660


 42.7171, 34.1716,
27.2660


348.3883,
320.8965, 302.7436


 29.8568, 23.0255,
17.5389


 78.5422, 66.2004,
56.3193

 19.8774, 14.6123,
10.4534

 102.2376, 87.8519,
76.4826

 12.4137, 8.5477,
5.5911


 130.2754,
113.7740, 100.9618

 7.1003, 4.4474,
2.5334

163.0211,
144.3510, 130.1753

 3.5718, 1.9268,
0.8578

200.8398,
179.9673, 164.5416

 1.4629, 0.5644,
0.0000

244.0970,

 0.3004, 0.0000,

221.0075, 204.4795

0.0000

293.1581,
267.8557, 250.4073

■ 0.0000, 0.0000,
0.0000

■ 42.7171, 34.1716,
27.2660

■ 42.7171, 34.1716,
27.2660

■ 38.5919, 28.1355,
19.0649

■ 47.7979, 41.6138,
37.3434

■ 35.3602, 23.4124,
12.6224

■ 53.8861, 50.5373,
49.4011

■ 32.9567, 19.9063,
7.8106

■ 61.0329, 61.0181,
63.5376

■ 31.3060, 17.5057,
4.4835

■ 69.2852, 73.1255,
79.8444

■ 30.3192, 16.0788,
2.4691

■ 78.6871, 86.9245,
98.4077

■ 29.8556, 15.4113,
1.5136

■ 83.6288, 94.1122,
108.3655

■ 29.8327, 15.3777,
1.4684

Harmonies

Analogous

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



43.5261, 34.1716, 41.1685



42.7171, 34.1716, 27.2660



39.0275, 34.1716, 18.7100

Triad

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



42.7171, 34.1716, 27.2660



25.1334, 34.1716, 22.2233



31.1605, 34.1716, 73.7695

Complementary

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



42.7171, 34.1716, 27.2660



48.6079, 61.9494, 77.1092

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.



26.7075, 34.1716, 65.0665



42.7171, 34.1716, 27.2660



23.4798, 34.1716, 33.5083

Square

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



42.7171, 34.1716, 27.2660



28.7918, 34.1716, 16.3919



24.0234, 34.1716, 49.3111



36.4685, 34.1716, 70.7835

Rectangle

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



42.7171, 34.1716, 27.2660



35.6266, 34.1716, 15.9224



24.0234, 34.1716, 49.3111



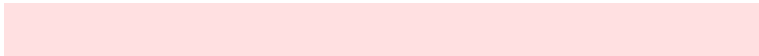
29.5227, 34.1716, 72.0479

Sweetspot

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



42.7180, 34.1733, 27.2667



81.5598, 80.2092, 82.2388



50.9563, 37.4178, 72.9434



17.1718, 16.7496, 17.0382



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.



42.7180, 34.1733, 27.2667



54.4060, 40.4223, 28.4219



49.6581, 48.1651, 29.2359



13.0621, 13.0539, 13.5881



17.3330, 8.9343, 0.8679



1.1251, 0.5797, 0.0677

Inverse Universe

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



42.7180, 34.1733, 27.2667



54.4060, 40.4223, 28.4219



38.9943, 42.5106, 74.5569



13.0621, 13.0539, 13.5881



17.3330, 8.9343, 0.8679



1.1251, 0.5797, 0.0677

Previews

White Background



This preview shows how the XYZ color 42.7171, 34.1716, 27.2660 looks on a white background.

Color Contrast Check

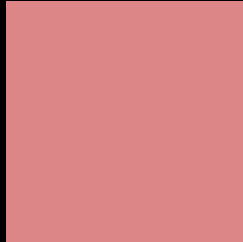
Large Text (above 18pt) WCAG AA × Fail

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 42.7171, 34.1716, 27.2660 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 42.7171, 34.1716, 27.2660

Background



This preview shows how black text looks on a background with the XYZ color 42.7171, 34.1716, 27.2660.



This preview shows how white text looks on a background with the XYZ color 42.7171, 34.1716,

27.2660.

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

42.7171, 34.1716, 27.2660

Protanopia

32.8032, 34.4528, 32.5249

Deuteranopia

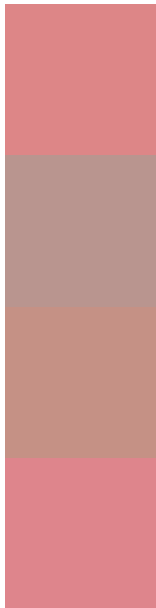
34.9215, 34.1897, 26.5885



Tritanopia

43.4697, 34.2878, 30.3137

Trichromacy



Original Color

42.7171, 34.1716, 27.2660

Protanomaly

35.7130, 33.7924, 30.6269

Deuteranomaly

37.3850, 33.8146, 26.7468

Tritanomaly

43.2454, 34.1981, 29.1326

Monochromacy



Original Color

42.7171, 34.1716, 27.2660

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

35.9439, 34.3127, 34.0067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7171, 34.1716, 27.2660 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(221, 134, 135)` looks like.

```
.text, #text, p{  
    color:rgb(221, 134, 135)  
}
```

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(221, 134, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 134, 135) }
```

Border

The CSS property to change the border of an element to XYZ 42.7171, 34.1716, 27.2660 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(221, 134, 135) }
```


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

```
.border{ border-color:rgb(221, 134, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 134, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 134, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 134, 135);  
box-shadow:4px 4px 4px 4px rgb(221, 134,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7171, 34.1716, 27.2660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 134, 135) }
```

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

```
.background{ background-color: rgb(221,  
134, 135) }
```

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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