

Converting Colors

XYZ(42.7709, 35.5712, 30.2501)

Have a look what the booklet for
XYZ(42.7709, 35.5712, 30.2501)
contains.

XYZ(42.7263, 35.6017, 30.2111)	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(42.7263, 35.6017,
30.2111)**

Conversions

Conversions Part 1

Format	Color
Hex	D88D8E
RGB	216, 141, 142
RGB Percent	85%, 55%, 56%
CMY	0.1529, 0.4470, 0.4431
CMYK	0.00, 0.35, 0.34, 0.15
HSL	359°, 49%, 70%
HSV	359°, 35%, 85%
XYZ	42.7263, 35.6017, 30.2111
YIQ	163.5390, 44.3790, 16.2110

Conversions

Conversions Part 2

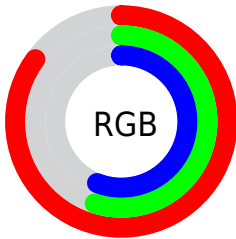
Format	Color
R _Y B	216, 141, 142
Decimal	14192014
CIE Lab	66.21, 28.65, 11.30
CIE LCh	66, 30.797, 21.531
Yxy	35.6017, 0.3936, 0.3280
Android (android.graphics.Color)	4292382094 (0xFFD88D8E)
YUV	163.5390, -10.6187, 46.0083
Hunter-Lab	59.6672, 23.4023, 11.7469

Details

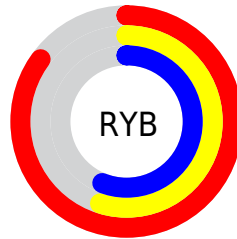
The XYZ color **42.7263, 35.6017, 30.2111** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8077, 59.6816, 73.2932**, and the grayscale version is **35.1026, 36.9307, 40.2175**.

A 20% lighter version of the original color is **70.7189, 64.2757, 60.9037**, and **19.8860, 15.4560, 12.0604** is the 20% darker color. If you saturate the color by 10%, you get **38.3962, 29.2622, 21.6134**, and if you desaturate by 10%, it is **47.9853, 43.3092, 40.6286**.

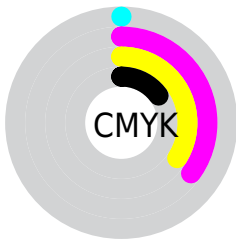
Distribution



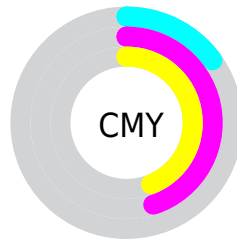
- Red (85%)
- Green (55%)
- Blue (56%)



- Red (85%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (35%)
- Yellow (34%)
- Black (15%)





- Cyan (15%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7263, 35.6017, 30.2111 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 42.7263, 35.6017, 30.2111 by changing the saturation by 10% instead.


 42.7263, 35.6017,
30.2111


 42.7263, 35.6017,
30.2111


348.4256,
327.2163, 317.1251

 29.8640, 24.1267,
19.7455


 78.5560, 68.4169,
61.0608

 19.8830, 15.4277,
12.0279


 102.2541, 90.5258,
82.2820

 12.4178, 9.1201,
6.6399


 130.2948,
116.9483, 107.9254

 7.1031, 4.8196,
3.1629

163.0435,
148.0686, 138.4096

 3.5736, 2.1418,
1.1784

200.8656,
184.2712, 174.1531

 1.4638, 0.6880,
0.0000

244.1264,

 0.3010, 0.0000,

225.9404, 215.5745

0.0000

293.1913,
273.4606, 263.0923

■ 0.0000, 0.0000,
0.0000

■ 42.7263, 35.6017,
30.2111

■ 42.7263, 35.6017,
30.2111

■ 38.3962, 29.2622,
21.6134

■ 47.9853, 43.3092,
40.6286

■ 34.9386, 24.2060,
14.7292

■ 54.2199, 52.4526,
52.9598

■ 32.2949, 20.3472,
9.4445

■ 61.4769, 63.1015,
67.2946

■ 30.3987, 17.5869,
5.6304

■ 69.7994, 75.3195,
83.7166

■ 29.1728, 15.8109,
3.1384

■ 79.2279, 89.1665,
102.3045

■ 28.5234, 14.8798,
1.7885

■ 82.1290, 93.3390,
108.2953

■ 28.3347, 14.6052,
1.4080

Harmonies

Analogous

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



43.3360, 35.6017, 42.6056



42.7263, 35.6017, 30.2111



39.6287, 35.6017, 22.1563

Triad

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



42.7263, 35.6017, 30.2111



27.3903, 35.6017, 25.0750



32.5556, 35.6017, 69.5101

Complementary

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



42.7263, 35.6017, 30.2111



47.8077, 59.6816, 73.2932

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.



28.6415, 35.6017, 62.1022



42.7263, 35.6017, 30.2111



25.8409, 35.6017, 35.1609

Square

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



42.7263, 35.6017, 30.2111



30.7027, 35.6017, 19.6911



26.2773, 35.6017, 48.7961



37.1805, 35.6017, 67.3375

Rectangle

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



42.7263, 35.6017, 30.2111



36.7108, 35.6017, 19.3986



26.2773, 35.6017, 48.7961



31.1198, 35.6017, 68.0070

Sweetspot

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



42.7272, 35.6034, 30.2118



83.6581, 83.2798, 86.4094



49.8715, 38.4186, 69.7529



17.5905, 17.3619, 17.8712



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.



42.7272, 35.6034, 30.2118



57.2648, 44.5887, 34.1568



48.8993, 48.0666, 31.9020



12.4299, 12.4235, 12.9381



16.7744, 8.6461, 0.8499



1.0142, 0.5225, 0.0639

Inverse Universe

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



42.7272, 35.6034, 30.2118



57.2648, 44.5887, 34.1568



39.6516, 43.1639, 71.2075



12.4299, 12.4235, 12.9381



16.7744, 8.6461, 0.8499



1.0142, 0.5225, 0.0639

Previews

White Background



This preview shows how the XYZ color 42.7263, 35.6017, 30.2111 looks on a white background.

Color Contrast Check

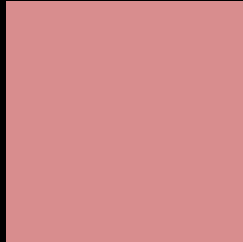
Large Text (above 18pt) WCAG AA × Fail

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 42.7263, 35.6017, 30.2111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

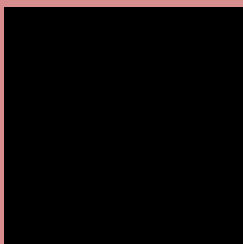
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7263, 35.6017, 30.2111

Background



This preview shows how black text looks on a background with the XYZ color 42.7263, 35.6017, 30.2111.



This preview shows how white text looks on a background with the XYZ color 42.7263, 35.6017,

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

42.7263, 35.6017, 30.2111

Protanopia

34.1383, 35.8637, 34.8289

Deuteranopia

36.3891, 35.6211, 29.3837



Tritanopia

43.4984, 35.7099, 33.4542

Trichromacy



Original Color

42.7263, 35.6017, 30.2111

Protanomaly

36.6681, 35.4397, 32.9249

Deuteranomaly

38.4049, 35.4419, 29.6278

Tritanomaly

43.2598, 35.6145, 32.1980

Monochromacy



Original Color

42.7263, 35.6017, 30.2111

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.4177, 36.2445, 36.4763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7263, 35.6017, 30.2111 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(216, 141, 142)` looks like.

```
.text, #text, p{  
    color:rgb(216, 141, 142)  
}
```

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(216, 141, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 141, 142) }
```

Border

The CSS property to change the border of an element to XYZ 42.7263, 35.6017, 30.2111 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(216, 141, 142) }
```


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

```
.border{ border-color:rgb(216, 141, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 141, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 141, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 141, 142);  
box-shadow:4px 4px 4px 4px rgb(216, 141,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7263, 35.6017, 30.2111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 141, 142) }
```

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

```
.background{ background-color: rgb(216,  
141, 142) }
```

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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