

Converting Colors

XYZ(43.2246, 36.7916, 30.1127)

Have a look what the booklet for
XYZ(43.2246, 36.7916, 30.1127)
contains.

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Color

**XYZ(43.2520, 36.7728,
30.0175)**

Conversions

Conversions Part 1

Format	Color
Hex	D8918D
RGB	216, 145, 141
RGB Percent	85%, 57%, 55%
CMY	0.1529, 0.4314, 0.4471
CMYK	0.00, 0.33, 0.35, 0.15
HSL	3°, 49%, 70%
HSV	3°, 35%, 85%
XYZ	43.2520, 36.7728, 30.0175
YIQ	165.7730, 43.6000, 13.8080

Conversions

Conversions Part 2

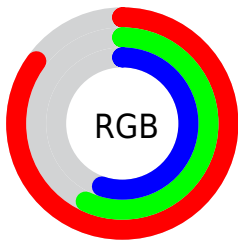
Format	Color
R _{YB}	216, 145, 141
Decimal	14193037
CIE Lab	67.11, 26.37, 13.12
CIE LCh	67, 29.452, 26.452
Yxy	36.7728, 0.3930, 0.3342
Android (android.graphics.Color)	4292383117 (0xFFD8918D)
YUV	165.7730, -12.2131, 44.0491
Hunter-Lab	60.6406, 21.1944, 13.0995

Details

The XYZ color **43.2520, 36.7728, 30.0175** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.9217, 57.7054, 73.6310**, and the grayscale version is **36.1791, 38.0632, 41.4508**.

A 20% lighter version of the original color is **71.5138, 66.0470, 60.6089**, and **20.1891, 16.1317, 11.9472** is the 20% darker color. If you saturate the color by 10%, you get **38.9507, 30.4963, 21.4128**, and if you desaturate by 10%, it is **48.4309, 44.3027, 40.4619**.

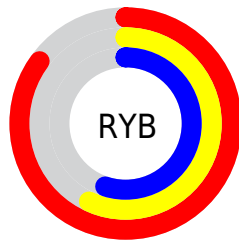
Distribution



Red (85%)

Green (57%)

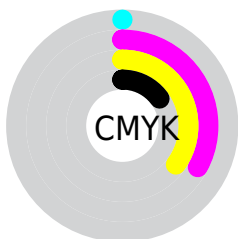
Blue (55%)



Red (85%)

Yellow (57%)

Blue (55%)

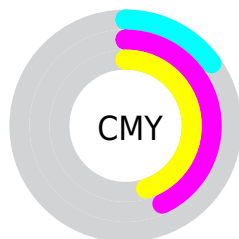


Cyan (0%)

Magenta (33%)

Yellow (35%)

Black (15%)



Cyan (15%)


Magenta (43%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2520, 36.7728, 30.0175 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 43.2520, 36.7728, 30.0175 by changing the saturation by 10% instead.


 43.2520, 36.7728,
30.0175


 43.2520, 36.7728,
30.0175


350.5511,
332.3258, 316.1959


 30.2783, 25.0316,
19.5997


 79.3443, 70.2232,
60.7512

 20.1990, 16.1006,
11.9232


 103.1937, 92.7012,
81.9042

 12.6489, 9.5954,
6.5695


 131.3989,
119.5270, 107.4726

 7.2626, 5.1315,
3.1200

164.3254,
151.0849, 137.8751

 3.6746, 2.3246,
1.1562

202.3385,
187.7594, 173.5301

 1.5198, 0.7867,
0.0000

245.8036,

 0.3392, 0.0000,

229.9347, 214.8562

0.0000

295.0860,
277.9954, 262.2719

0.0000, 0.0000,
0.0000

43.2520, 36.7728,
30.0175

43.2520, 36.7728,
30.0175

38.9507, 30.4963,
21.4128

48.4309, 44.3027,
40.4619

35.4758, 25.4003,
14.5390

54.5294, 53.1433,
52.8416

32.7749, 21.4124,
9.2798

61.5899, 63.3547,
67.2484

30.7886, 18.4503,
5.5030

69.6518, 74.9918,
83.7674

29.4491, 16.4200,
3.0562

78.7518, 88.1063,
102.4789

■ 28.6748, 15.2104,
1.7535

■ 82.1289, 93.3389,
108.2953

■ 28.4448, 14.8507,
1.3673

Harmonies

Analogous

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



44.2813, 36.7728, 41.5868



43.2520, 36.7728, 30.0175



39.9355, 36.7728, 22.7859

Triad

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



43.2520, 36.7728, 30.0175



28.2476, 36.7728, 27.8860



34.4207, 36.7728, 70.0831

Complementary

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



43.2520, 36.7728, 30.0175



46.9217, 57.7054, 73.6310

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.



30.4004, 36.7728, 64.3428



43.2520, 36.7728, 30.0175



27.0337, 36.7728, 38.5308

Square

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



43.2520, 36.7728, 30.0175



31.2502, 36.7728, 21.7527



27.7872, 36.7728, 52.0751



38.9340, 36.7728, 66.4619

Rectangle

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



43.2520, 36.7728, 30.0175



37.0101, 36.7728, 20.5134



27.7872, 36.7728, 52.0751



32.9705, 36.7728, 69.1582

Sweetspot

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



43.2530, 36.7746, 30.0182



83.9900, 84.0195, 86.2859



49.7592, 38.4151, 67.2451



17.6699, 17.5389, 17.8417



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.



43.2530, 36.7746, 30.0182



58.0701, 46.3805, 33.8672



49.9060, 50.0806, 32.2359



12.4759, 12.5261, 12.9209



16.8609, 8.8391, 0.8175



1.0361, 0.5714, 0.0557

Inverse Universe

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



46.9217, 57.7054, 73.6310



64.2074, 81.4320, 106.9416



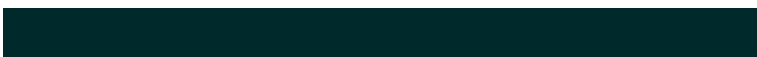
38.6608, 41.1836, 70.8774



12.7327, 13.9889, 15.9666



20.2087, 28.6793, 42.9237



1.2367, 1.7653, 2.5949

Previews

White Background



This preview shows how the XYZ color 43.2520, 36.7728, 30.0175 looks on a white background.

Color Contrast Check

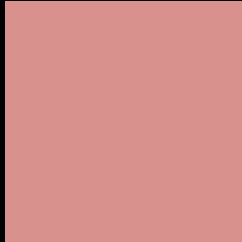
Large Text (above 18pt) WCAG AA × Fail

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 43.2520, 36.7728, 30.0175 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 43.2520, 36.7728, 30.0175

Background



This preview shows how black text looks on a background with the XYZ color 43.2520, 36.7728, 30.0175.



This preview shows how white text looks on a background with the XYZ color 43.2520, 36.7728,

30.0175.

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

43.2520, 36.7728, 30.0175

Protanopia

35.1798, 36.9424, 34.1306

Deuteranopia

37.6261, 37.0092, 29.5865



Tritanopia

44.2705, 36.7297, 35.3281

Trichromacy



Original Color

43.2520, 36.7728, 30.0175

Protanomaly

37.6484, 36.4483, 32.6547

Deuteranomaly

39.4136, 36.6817, 29.8139

Tritanomaly

44.0133, 36.8682, 33.2303

Monochromacy



Original Color

43.2520, 36.7728, 30.0175

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.0798, 37.0784, 37.0481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2520, 36.7728, 30.0175 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, 145, 141)` looks like.

```
.text, #text, p{  
    color:rgb(216, 145, 141)  
}
```

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, 145, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 145, 141) }
```

Border

The CSS property to change the border of an element to XYZ 43.2520, 36.7728, 30.0175 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, 145, 141) }
```


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

```
.border{ border-color:rgb(216, 145, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 145, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 145, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 145, 141);  
box-shadow:4px 4px 4px 4px rgb(216, 145,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2520, 36.7728, 30.0175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 145, 141) }
```

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

```
.background{ background-color: rgb(216,  
145, 141) }
```

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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